4/25/85 C8850-1

Textile Organon

Vol 56, No. 3 □ March 1985 A publication of the Textile Economics Bureau, Inc.

MONTHLY REVIEW

Highlights

***Textile Organon* Features:**

1984: A Year in Perspective . . . begins on page 40.

International Trade Supplement . . . begins on page 47.

Trade Barometer . . . begins on page 52.

1984 End Use Results:

Filament Yarn Domestic Shipments Fall to 3,489 Million Pounds . . . see page 58.

Staple & Tow Domestic Shipments fall to 3,826 Million Pounds . . . see page 59.

Domestic Shipments For Apparel Fall . . . see pages 58-59.

As olefin yarn+monofilaments set yet another record, shipments of other key products fell in February--

- *Nylon carpet yarn* shipments fell to the lowest level since February 1983.
- *Nylon staple+tow* shipments fell to the lowest level since July 1984.

But other key products did well--

- *Polyester textile yarn* shipments rose to the highest level since November 1984.
- *Polyester staple+tow* shipments rose sharply in February.
- *Acrylic+Modacrylic staple+tow* shipments rose to the highest level since September 1984.

TABLE 1: TOTAL MAN-MADE FIBER SHIPMENTS

MILLION POUNDS & *PERCENT*

ITEM	1985 FEB	1985 JAN	% [a]	1984 FEB	% [b]	YEAR TO DATE 1985	YEAR TO DATE 1984	% [c]
YARN+MONOFILAMENTS								
ACETATE	**14.4**	**14.3**	*+0.7*	**16.9**	*-14.8*	**28.4**	**34.7**	*-18.2*
NYLON[d] - INDUSTRIAL	31.0	32.1	*-3.4*	29.9	*+3.7*	63.1	58.0	*+8.8*
- LOW DENIER INDUSTRIAL	2.2	2.3	*-4.3*	3.0	*-26.7*	4.5	6.1	*-26.2*
- CARPET	51.9	57.1	*-9.1*	62.9	*-17.5*	109.0	132.9	*-18.0*
- TEXTILE	27.0	30.5	*-11.5*	31.3	*-13.7*	57.5	65.6	*-12.3*
POLYESTER - INDUSTRIAL	24.5	26.4	*-7.2*	25.2	*-2.8*	50.9	49.7	*+2.4*
- LOW DENIER INDUSTRIAL	1.6	1.6	--	2.1	*-23.8*	3.2	4.0	*-20.0*
- TEXTILE	75.6	69.5	*+8.8*	69.9	*+8.2*	145.1	154.8	*-6.3*
OLEFIN	79.9	78.0	*+2.4*	56.9	*+40.4*	157.9	109.5	*+44.2*
TOTAL NONCELLULOSIC ABOVE	**293.7**	**297.5**	*-1.3*	**281.2**	*+4.4*	**591.2**	**580.6**	*+1.8*
STAPLE+TOW+FIBERFILL								
RAYON	**25.0**	**29.0**	*-13.8*	**31.6**	*-20.9*	**54.0**	**64.0**	*-15.6*
NYLON[d]	60.6	70.5	*-14.0*	65.9	*-8.0*	131.1	145.9	*-10.1*
ACRYLIC+MODACRYLIC	55.0	51.5	*+6.8*	52.2	*+5.4*	106.5	105.2	*+1.2*
POLYESTER	169.5	162.4	*+4.4*	177.5	*-4.5*	331.9	350.0	*-5.2*
OLEFIN+VINYON	23.1	21.4	*+7.9*	18.5	*+24.9*	44.5	37.1	*+19.9*
TOTAL NONCELLULOSIC ABOVE	**308.2**	**305.8**	*+0.8*	**314.1**	*-1.9*	**614.0**	**638.2**	*-3.8*

-- means no change

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

Also see footnotes on last page of this issue.

Textile Organon

MARCH, 1985

A MONTHLY REVIEW

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ISSN 0040-5132
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Textile Economics Bureau, Inc.

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Subscription rates as of January 1985
(payable in U.S. dollars with order):

Item	U.S.A.	Other
Annually (1 year only)	125.00	187.50
Schools & Nonprofit	25.00	35.00
Single Issues		
June	20.00	30.00
September	20.00	30.00
All Others	15.00	20.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

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DATAGRAM

1984 DOMESTIC CONSUMPTION OF FIBER RISES

In 1984, domestic consumption of man-made fiber, cotton & wool rose to 13,059 million pounds, up 2½% from 1983.

Yet the growth in consumption did not take place at the U.S. mill level, but rather came as a result of greatly increased imports of textiles and manufactures.

U.S. mill consumption in 1984 fell 3% to 10,774 million pounds.

A review of 1984 U.S. mill consumption by fiber--

- Man-made fiber fell 2.6% to 7,938 million pounds.
- Cotton fell 4½% to 2,669 million pounds.
- Wool rose marginally to 163 million pounds.

More than offsetting any decline in mill consumption, imports of textiles and manufactures hit record levels in 1984, growing 28% to 2,996 million pounds.

- Imports of man-made fiber manufactures grew 25%.
- Imports of cotton manufactures grew 29%.
- Imports of wool manufactures grew 44%.

1983 NET-AVAILABLE SUPPLY RESULTS

The U.S. man-made fiber and spun yarn available supply in 1983 stood at 6,843.8 million pounds. This compares to--

- Africa, Asia & Oceania: 5,295.9 million pounds.
- West Europe: 5,152.2 million pounds.
- Japan: 3,727.0 million pounds.
- Other Americas: 1,952.4 million pounds.

ZIMMER AG TO BUILD FIVE POLYESTER PLANTS IN CHINA

Zimmer AG, West Germany, has received an order from China to construct polyester plants in the Baoding, Tongling, Acheng, Dandong and Benxi provinces. Scheduled for commissioning in 1986, the five plants will produce both POY and FOY. (DNR, 3/21/85)

ENKA TO MODERNIZE POLYESTER PRODUCTION

Enka has announced plans to modernize its Oberbruch, West Germany, polyester fiber plant and its Netherlands polyester facility at Emmen. The modernization will include scrapping dated equipment to be replaced by modern machinery. (European Chemical News, 3/18/85)

AVTEX TO DISCONTINUE ACETATE PRODUCTION

Avtex Fibers, Inc., intends to end production of acetate yarn by the end of April at its Meadville, PA plant. The plant will, however, continue to manufacture vinyon staple. (DNR, 4/1/85)

1984: A YEAR IN PERSPECTIVE

In 1984, U.S. mill consumption of man-made fiber fell nearly 3%. This decline in annual consumption compares to a 4½% decline in cotton mill consumption and a marginal increase in wool mill consumption (Graph 1).

The most significant cause for the drop in man made fiber mill consumption was a decline in polyester consumption of 8½% in 1984.

However, man made fiber registered an increase in market share when compared to the total mill consumption for man made fiber, cotton and wool. In 1984, the man made fiber share of the total rose to 75.7%, while cotton fell to 24.8% and wool remained unchanged at 1.5%. This is the second straight year of declining share for cotton.

Exports of man made fiber, cotton and wool manufacturers rose marginally in 1984 to 707.7 million pounds. But the balance of trade in these manufactures seriously deteriorated in 1984 as there was a net import balance of 2,288.5 million pounds, 59% above the 1983 net import balance of 1,442.1 million pounds.

On the strength of greatly increased imports of manufactures, domestic consumption of man made fiber, cotton & wool rose 2½% in 1984 to 13,059.1 million pounds (Graph 2).

Domestic consumption of man made fiber totaled 8,792.1 million pounds, up ½%; cotton totaled 3,929.5 million pounds, up 6%; and wool totaled 337.5 million pounds, up 23% (Graph 3). Imports of manufactures rose 28% in 1984 to 2,996.2 million pounds. Imports represented 23% of domestic consumption in 1984. This compares to 18% in 1983, 16% in 1982 and 15% in 1981.

TABLE 2: MILL CONSUMPTION BY FIBER

BILLION POUNDS

YEAR	RAYON	ACETATE[a]	NYLON[b]	POLYESTER	ACRYLIC[c]	OLEFIN	GLASS[d]	COTTON	WOOL	TOTAL
1970	0.9	0.5	1.3	1.6	0.5	0.2	0.1	3.8	0.3	9.2
1971	1.0	0.5	1.7	2.0	0.5	0.3	0.1	4.0	0.2	10.3
1972	1.0	0.4	2.1	2.5	0.6	0.4	0.2	3.9	0.2	11.3
1973	1.0	0.4	2.3	3.1	0.7	0.5	0.2	3.6	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	0.2	3.3	0.1	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	0.1	3.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	0.1	3.4	0.1	11.0
1977	0.6	0.3	2.3	3.6	0.7	0.6	0.1	3.2	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	0.2	3.0	0.1	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	0.2	3.1	0.1	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	0.2	3.1	0.1	11.3
1981	0.5	0.2	2.2	3.5	0.5	0.8	0.1	2.7	0.2	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	0.1	2.5	0.1	9.3
1983	0.4	0.2	2.4	3.5	0.5	0.9	0.2	2.8	0.2	11.1
1984	0.4	0.2	2.4	3.2	0.5	1.0	0.2	2.7	0.2	10.8

a. Includes triacetate. Cigarette tow is excluded.
b. Includes aramid for all years but 1983 and 1984.
c. Includes modacrylic.
d. Includes only glass fibers for Textile End Uses. See page 43 for Total Shipments of Glass Fibers.

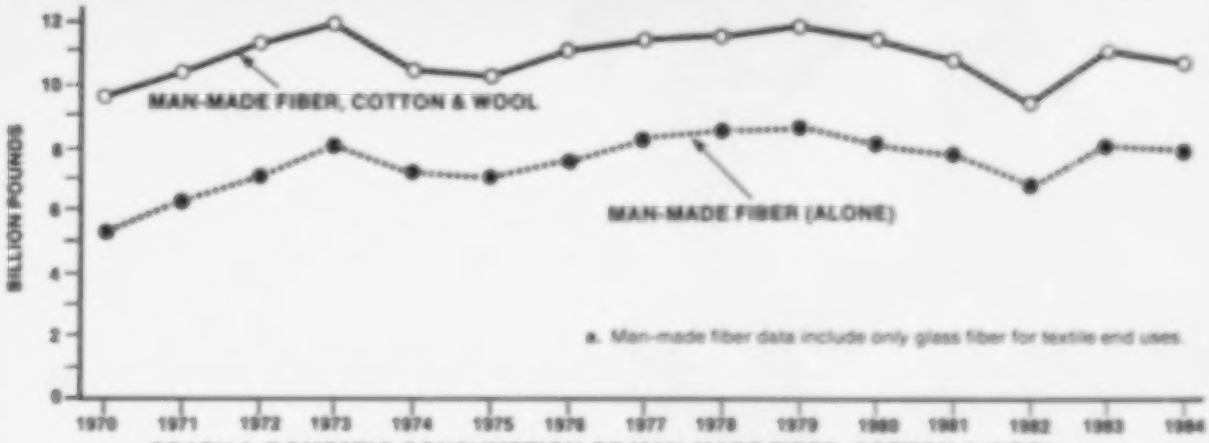
TABLE 3: U.S. MILL CONSUMPTION OF MAN-MADE FIBER[a], COTTON & WOOL

MILLION POUNDS & PERCENT

YEAR	MAN-MADE FIBER[a]	%[b]	%[c]	COTTON	%[b]	%[c]	WOOL	%[b]	%[c]	TOTAL	%[b]	%[c]
1970	5240.6	--	56.5	3773.6	--	40.6	273.3	--	2.9	9287.5	--	100.0
1971	6204.3	+18.4	59.7	3965.1	+5.1	38.2	219.3	-19.8	2.1	10388.7	+11.8	100.0
1972	7155.3	+15.3	63.8	3849.8	-2.9	34.2	246.9	+12.6	2.2	11252.0	+8.3	100.0
1973	6145.5	+13.8	66.0	3643.3	-5.4	30.5	182.1	-26.2	1.5	11970.9	+6.4	100.0
1974	7221.8	-11.3	67.8	3306.1	-9.3	31.1	116.5	-36.0	1.1	10644.4	-11.1	100.0
1975	7003.2	-3.0	68.6	3068.7	-7.2	30.1	132.0	+13.3	1.3	10203.9	-4.1	100.0
1976	7511.9	+7.3	68.0	3389.0	+10.4	30.7	145.9	+10.5	1.3	11046.8	+8.3	100.0
1977	8237.2	+9.6	71.4	3169.8	-6.5	27.5	133.9	-8.2	1.1	11540.9	+4.5	100.0
1978	8494.7	+3.1	72.8	3040.4	-4.1	26.0	141.6	+5.7	1.2	11676.7	+1.2	100.0
1979	8696.9	+2.4	73.1	3066.4	+0.8	25.8	134.4	-5.1	1.1	11897.7	+1.9	100.0
1980	8063.5	-7.3	71.6	3064.4	-0.1	27.2	137.8	+2.5	1.2	11265.7	-5.3	100.0
1981	7862.0	-2.5	73.2	2730.8	-10.9	25.4	152.7	+10.8	1.4	10745.5	-4.6	100.0
1982	6775.1	-13.8	72.2	2478.9	-9.2	26.4	129.5	-15.2	1.4	9383.5	-12.7	100.0
1983	8153.9	+20.3	73.4	2795.7	+12.8	25.1	162.5	+25.5	1.5	11112.1	+18.4	100.0
1984	7938.1	-2.6	73.7	2669.3	-4.5	24.8	163.2	+0.4	1.5	10770.6	-3.1	100.0

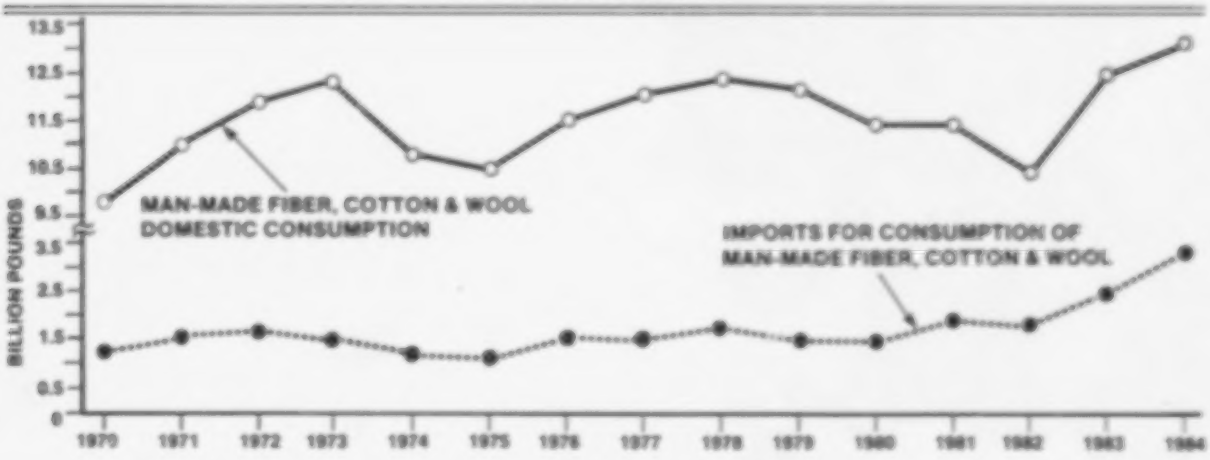
a. Man-made fiber data include *only* glass fiber for textile end uses, see page 43 for total shipments and total consumption of glass fiber.
b. Percent change from year to year.
c. Percent change of total fiber consumption.

GRAPH 1: U.S. MILL CONSUMPTION OF MAN-MADE FIBER[a], COTTON & WOOL
BILLION POUNDS



a. Man-made fiber data include only glass fiber for textile end uses.

GRAPH 2: DOMESTIC CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL VERSUS IMPORTS OF FIBER & MANUFACTURES
BILLION POUNDS



GRAPH 3: DOMESTIC CONSUMPTION DETAIL: MAN-MADE FIBER, COTTON & WOOL
BILLION POUNDS

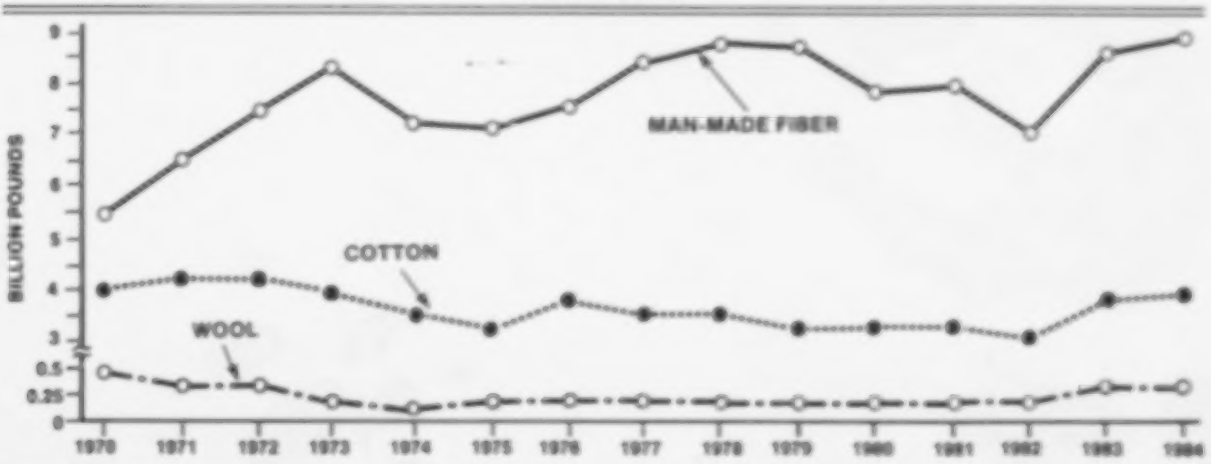


TABLE 4: MAN-MADE FIBER PRODUCTION

MILLION POUNDS

ANNUALLY
1951-1984

	CELLULOSIC									NONCELLULOSIC FIBER[a, b]			TOTAL TO THE LEFT	TOTAL GLASS FIBER[i]	TOTAL MAN-MADE FIBER
	RAYON YARN[a]			ACET YARN[b]	TOTAL YARN	STAPLE+TOW			TOTAL S+A						
YEAR	FIL/US	TEXT	TOTAL			RAYON	ACET[b]	TOTAL		YARN	STAPLE	TOTAL			
1951	251.0	141.7	392.7	249.0	641.7	408.5	53.0	453.5	1095.2	497.2	253.7	750.9	1846.1	149.3	1995.4
1952	272.0	148.4	420.4	305.7	726.1	508.0	46.0	546.0	1272.1	627.4	345.5	972.9	2245.0	190.3	2435.3
1953	246.0	154.2	400.2	309.5	709.7	579.1	60.0	639.1	1348.8	712.8	443.2	1156.0	2504.8	191.9	2696.7
1954	258.2	153.4	411.6	365.9	777.5	594.3	60.0	654.3	1431.8	647.6	559.1	1406.7	2838.5	239.5	3078.0
1955	264.6	169.2	433.8	391.2	825.0	648.0	54.0	702.0	1527.0	897.7	782.4	1780.1	3307.1	282.3	3589.4
1956	235.8	169.7	405.5	394.3	799.8	659.2	60.0	719.2	1519.0	1164.7	918.1	2082.8	3601.8	332.4	3934.2
1957	161.2	147.9	309.1	425.6	734.7	603.4	50.0	653.4	1388.1	1215.4	1137.9	2353.3	3741.4	308.8	4050.2
1958	202.4	162.9	365.3	439.9	805.2	739.1	50.0	789.1	1594.3	1682.1	1567.3	3229.4	4823.7	402.7	5226.4
1959	168.6	150.6	319.2	455.2	774.4	758.6	43.0	801.6	1576.2	1788.8	1761.0	3527.9	5104.1	501.4	5605.5
1970	146.4	121.2	267.6	463.2	730.8	607.4	35.0	642.4	1373.2	1793.4	1792.8	3586.2	4959.4	467.3	5426.7
1971	180.4	123.0	303.4	448.3	752.7	611.7	26.5	638.2	1390.9	2187.9	2104.9	4292.8	5683.7	468.2	6151.9
1972	146.7	105.0	251.7	401.4	653.1	713.2	28.0	741.2	1394.3	2773.3	2582.4	5355.7	6750.0	571.6	7321.6
1973	121.7	76.4	198.1	437.2	635.3	696.7	25.0	721.7	1357.0	3339.6	2969.8	6309.4	7666.4	688.0	8354.4
1974	112.9	58.9	171.8	361.6	533.4	645.4	20.0	665.4	1198.8	3443.0	2780.6	6223.6	7422.4	682.9	8105.3
1975	46.1	16.7	64.8	301.3	366.1	370.9	12.0	382.9	749.0	3208.9	2576.8	5885.7	6634.7	546.5	7181.2
1976	52.3	15.3	67.6	286.9	354.5	475.4	11.0	486.4	840.9	3306.4	3320.2	6626.6	7467.5	676.0	8143.5
1977	55.3	15.4	70.7	282.0	352.7	527.0	8.0	535.0	887.7	3674.1	3653.8	7327.9	8215.6	786.7	9002.3
1978	47.0	15.0	62.0	300.9	362.9	534.6	7.0	541.6	904.5	3830.3	3952.7	7783.0	8687.5	923.3	9610.8
1979	41.7	15.1	56.8	316.6	373.4	549.4	7.0	556.4	929.8	4154.3	4282.3	8436.6	9366.4	1014.4	10380.8
1980	32.2	15.0	47.2	308.5	355.7	443.3	7.0	450.3	806.0	3744.3	4148.2	7892.5	8698.5	867.3	9565.8
1981	33.4	15.1	48.5	257.0	305.5	460.6	4.0	464.6	770.1	3814.6	4191.1	8005.9	8776.0	1041.1	9817.1
1982	20.8	12.4	33.2	195.2	228.4	355.0	1.0	356.0	584.4	3057.4	3402.5	6459.9	7044.3	899.2	7943.5
1983	15.3	11.2	26.5	227.6	254.1	374.8	1.4	376.2	630.3	3567.8	3970.6	7538.4	8168.7	1167.2	9335.9
1984	20.2	12.1	32.3	196.2	230.5	389.2	0.4	389.6	620.1	3524.4	3947.3	7471.7	8091.8	1394.0	9485.8

TABLE 5: NONCELLULOSIC FIBER PRODUCTION DETAIL

MILLION POUNDS

	YARN+MONOFILAMENTS					STAPLE+TOW+FIBERFILL				
YEAR	NYLON[c]	OLEFIN[d]	ESTER[e]	OTHER[f]	TOTAL	NYLON[c]	ACRYL[g]	ESTER[e]	OTHER[h]	TOTAL
1951	441.7	16.9	35.6		497.2	34.2	140.1	77.4	2.0	253.7
1952	562.0	24.3	41.1		627.4	50.7	170.0	119.6	5.2	345.5
1953	630.0	30.3	52.5		712.8	61.5	209.7	166.6	5.4	443.2
1954	735.1	45.4	66.1		847.6	69.3	287.7	182.4	9.7	559.1
1955	846.1	65.6	86.0		897.7	83.7	356.4	305.2	15.1	782.4
1956	951.4	100.6	102.5		1154.7	118.7	352.9	409.3	37.2	918.1
1957	944.6	118.0	152.8		1215.4	124.6	397.7	568.1	47.5	1137.9
1958	1188.4	206.6	267.1		1662.1	162.1	521.0	827.3	56.9	1567.3
1959	1188.0	202.7	376.2		1766.9	223.2	533.0	936.8	66.0	1761.0
1970	1137.9	200.4	455.1		1793.4	216.8	491.9	1022.3	61.8	1792.8
1971	1237.9	251.6	698.2		2187.9	357.4	545.2	1142.5	59.8	2104.9
1972	1463.9	346.5	951.7	11.2	2773.3	510.6	625.9	1375.2	69.7	2582.4
1973	1582.8	423.6	1319.6	13.2	3339.6	591.9	742.1	1568.0	67.8	2969.8
1974	1560.0	463.1	1408.0	11.9	3443.0	563.7	631.2	1517.5	68.2	2780.6
1975	1295.4	442.9	1458.9	11.7	3208.9	561.8	524.6	1536.2	54.1	2676.8
1976	1372.5	515.7	1404.7	13.5	3306.4	702.7	621.0	1936.6	60.9	3320.2
1977	1512.4	554.1	1592.1	15.5	3674.1	613.7	708.8	2050.1	81.2	3653.8
1978	1654.0	586.6	1563.7	16.0	3830.3	695.9	725.7	2235.8	95.3	3952.7
1979	1781.6	639.1	1715.6	18.0	4154.3	838.8	791.1	2492.2	120.2	4282.3
1980	1631.1	632.2	1462.0	19.0	3744.3	726.6	779.2	2526.7	115.7	4148.2
1981	1580.7	642.9	1569.2	22.0	3814.8	751.8	680.6	2606.5	142.0	4191.1
1982	1241.6	585.2	1213.6	17.0	3057.4	685.0	624.1	1655.2	138.2	3402.5
1983	1492.2	716.1	1359.5	NA	3567.8	936.4	670.5	2164.1	189.6	3970.6
1984	1577.3	747.1	1200.0	NA	3524.4	834.8	670.8	2191.8	249.9	3947.3

NA No longer available.

a. Includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments. Beginning January 1965, the high tenacity rayon yarn of 800 denier & finer is tabulated with regular tenacity yarn.

b. Includes diacetate and triacetate. The acetate staple+tow data do not include the poundages produced for cigarette filtration purposes.

c. Excludes aramid in 1983 & 1984.

d. Includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

e. Ester means polyester.

f. Other yarn is chiefly saran and spandex in recent years.

g. Includes modacrylic.

h. Other staple+tow includes only olefin and vinyon for recent years. Earlier years' data are on pages 8 & 9 of the January 1962 ORGANON Base Book issue and page 4 of the January-February 1971 issue.

i. Includes both textile and non-textile types of glass.

TABLE 6: MAN-MADE FIBER DISTRIBUTION

ANNUALLY 1961-1984

CELLULOSIC

MILLION POUNDS

	YARN+MONOFILAMENTS							STAPLE+TOW							TOTAL GLASS FIBER[i]				
	PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS							PRODUCERS' SHIPMENTS				
	TO DOM. CONSUMERS[a]			EX-		IM-	DO-	TO DOM. CONSUMERS			EX-		IM-	DO-	DO-	EX-		IM-	DO-
YEAR	RAYON	ACET	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS	RAYON	ACET[b]	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS	MESTIC	PORTS	TOTAL	PORTS	MESTIC CONS
1961	385.2	240.8	626.0	33.1	659.1	1.8	627.8	411.8	51.4	463.2	2.8	466.0	37.0	500.2	147.2	6.0	153.2	--	147.2
1962	384.6	281.7	666.3	44.9	711.2	2.6	668.9	499.2	44.4	543.6	3.8	547.4	50.9	594.5	177.5	6.6	184.1	--	177.5
1963	380.7	305.0	685.7	39.7	725.4	1.7	687.4	578.8	57.5	636.3	4.9	641.2	116.5	752.8	182.0	8.5	190.5	--	182.0
1964	399.6	363.8	763.4	28.5	791.9	5.2	768.6	575.7	57.5	633.2	7.7	640.9	114.5	747.7	220.6	11.8	232.4	--	220.6
1965	409.3	366.4	775.7	22.1	797.8	6.8	782.5	636.3	54.4	690.7	8.4	699.1	77.2	767.9	268.2	18.7	286.9	--	268.2
1966	389.6	387.5	777.1	15.2	792.3	3.7	780.8	636.5	59.0	695.5	9.4	704.9	114.8	810.3	314.2	7.9	322.1	1.1	315.3
1967	311.1	421.0	732.1	18.2	750.3	7.7	739.8	625.9	49.5	675.4	4.3	679.7	85.0	760.4	302.7	8.2	310.9	1.0	303.7
1968	353.5	426.4	779.9	17.6	797.5	14.6	794.5	720.0	48.5	768.5	5.4	773.9	125.0	893.5	383.7	12.1	395.8	0.1	383.8
1969	294.7	444.7	739.4	16.0	755.4	4.1	743.5	737.9	42.3	780.2	5.0	785.2	91.2	871.4	460.4	17.7	478.1	0.1	460.5
1970	251.1	444.8	695.9	38.3	734.2	3.7	699.6	599.9	34.3	634.2	7.8	642.0	80.6	714.8	404.2	29.9	434.1	0.7	404.9
1971	297.0	432.3	729.3	33.2	762.5	5.2	734.5	643.6	26.2	669.8	3.7	673.5	81.3	751.1	464.9	17.4	482.3	1.8	466.7
1972	246.9	385.9	632.8	23.9	656.7	10.8	643.6	690.7	27.7	718.4	2.0	720.4	51.3	769.7	559.8	17.5	577.3	9.4	569.2
1973	197.6	392.3	589.9	60.7	650.6	18.1	608.0	709.5	25.0	734.5	14.7	749.2	47.4	781.9	663.0	36.5	699.5	13.0	676.0
1974	153.1	320.3	473.4	48.8	522.2	9.2	482.6	569.5	19.7	589.2	36.0	625.2	38.7	627.9	619.3	38.0	657.3	11.5	630.8
1975	74.9	293.7	368.6	32.9	401.5	9.2	377.8	373.4	12.0	385.4	20.2	405.6	37.9	423.3	524.6	18.3	542.9	8.9	533.5
1976	65.1	249.4	314.5	40.3	354.8	25.1	339.6	461.0	11.0	472.0	35.6	507.6	43.2	515.2	663.3	35.0	698.3	14.3	677.6
1977	68.1	259.4	327.5	25.2	352.7	23.5	351.0	444.9	8.0	452.9	62.3	515.2	57.8	510.7	769.3	28.9	798.2	22.0	791.3
1978	63.0	274.6	337.6	27.6	365.2	25.7	363.3	459.2	7.0	466.2	96.5	562.7	41.1	507.3	864.9	27.7	892.6	21.8	886.7
1979	55.0	288.4	343.4	31.8	375.2	13.3	356.7	442.4	7.0	449.4	100.1	549.5	16.5	465.9	912.2	48.3	960.5	10.4	922.6
1980	47.5	269.2	316.7	32.7	349.4	8.3	325.0	390.7	7.0	397.7	61.0	458.7	10.3	408.0	867.1	48.6	915.7	7.3	874.4
1981	46.6	226.3	272.9	34.8	307.7	10.7	283.6	396.9	4.0	400.9	59.8	460.7	16.8	417.7	963.8	35.2	999.0	18.2	982.0
1982	30.1	169.0	199.1	29.8	228.9	7.0	206.1	293.7	1.0	294.7	66.5	361.2	13.4	308.1	861.5	42.9	904.4	14.1	875.6
1983	25.3	197.6	222.9	28.2	251.1	8.7	231.6	333.5	1.4	334.9	43.9	378.8	13.6	348.5	1146.1	37.4	1183.5	20.0	1166.1
1984	30.1	180.1	210.2	18.2	228.4	10.0	220.2	331.9	0.4	332.3	66.5	398.8	17.0	349.3	1250.7	58.0	1308.7	23.1	1273.8

NONCELLULOSIC

	YARN+MONOFILAMENTS								STAPLE+TOW+FIBERFILL								
	PRODUCERS' SHIPMENTS								PRODUCERS' SHIPMENTS								
	TO DOMESTIC CONSUMERS					EX-		IM-	DO-	TO DOMESTIC CONSUMERS					EX-		IM-	DO-
YEAR	NYLON[c]	OLEFIN[d]	ESTER[e]	OTH[f]	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS	NYLON[c]	ACRYL[g]	ESTER[e]	OTH[f]	TOTAL	PORTS	TOTAL	PORTS	MESTIC CONS
1961	419.0	17.5	36.1		472.6	25.2	497.8	4.7	477.3	36.0	123.8	70.9	3.0	233.7	22.3	256.0	3.2	236.9
1962	503.1	22.5	38.1		563.7	41.1	604.8	7.0	570.7	47.5	147.1	115.3	3.6	313.5	20.3	333.8	13.9	327.4
1963	570.9	29.1	48.9		648.9	43.2	692.1	6.3	655.2	54.3	201.5	150.7	5.0	411.5	18.3	429.8	8.8	420.3
1964	685.9	44.2	63.6		793.7	62.8	856.5	3.7	797.4	68.3	263.2	177.5	8.6	517.6	34.1	551.7	19.2	536.8
1965	781.9	60.1	77.2		919.2	46.1	965.3	8.5	927.7	85.1	324.5	290.4	13.5	713.5	32.3	745.8	52.1	765.6
1966	880.0	94.6	81.4	13.4	1069.4	54.4	1123.8	12.5	1081.9	108.8	328.0	372.1	33.1	842.0	39.7	881.7	61.0	903.0
1967	907.4	116.1	133.0	11.8	1168.3	58.6	1226.9	16.4	1184.7	120.6	371.2	537.2	40.5	1069.5	60.3	1129.8	63.2	1132.7
1968	1085.8	199.0	226.7	10.5	1522.0	84.5	1606.5	33.7	1555.7	157.2	467.1	756.1	52.4	1432.8	72.2	1505.0	89.8	1522.6
1969	1063.4	188.6	353.6	10.9	1616.5	84.9	1701.4	32.5	1649.0	202.7	473.4	883.3	61.7	1621.1	100.3	1721.4	67.5	1688.6
1970	1052.6	187.0	433.0	10.0	1682.6	82.3	1764.9	120.8	1803.4	201.2	430.7	992.9	57.3	1682.1	108.6	1790.7	57.7	1739.8
1971	1206.7	246.5	636.8	10.1	2100.1	78.5	2178.6	234.4	2334.5	330.1	463.7	1111.4	58.9	1964.1	130.5	2094.6	93.3	2057.4
1972	1430.6	312.4	935.4	11.4	2689.8	87.4	2777.2	224.5	2914.3	476.6	536.0	1286.9	63.6	2363.1	174.1	2537.2	103.7	2466.8
1973	1544.7	395.4	1320.5	13.1	3273.7	127.4	3401.1	140.1	3413.8	586.8	662.0	1530.3	69.3	2848.4	233.0	3081.4	112.8	2961.2
1974	1408.8	426.3	1295.2	12.0	3142.3	140.6	3282.9	92.1	3234.4	487.8	514.9	1388.1	59.7	2450.5	195.3	2645.8	73.2	2523.7
1975	1289.7	436.1	1477.0	12.0	3214.8	104.5	3319.3	53.8	3268.6	557.9	467.3	1473.6	54.7	2553.5	209.9	2763.4	55.2	2608.7
1976	1279.3	482.0	1373.9	12.0	3147.2	138.5	3285.7	64.0	3211.2	665.4	517.3	1777.2	58.6	3018.5	247.4	3265.9	67.3	3085.8
1977	1396.2	539.6	1510.6	15.0	3461.4	159.0	3620.4	92.5	3553.9	791.7	619.8	1880.3	81.3	3373.1	270.0	3643.1	52.9	3426.0
1978	1539.1	579.7	1507.6	15.5	3641.9	197.5	3839.4	52.2	3694.1	876.4	571.6	1967.5	90.0	3505.5	411.4	3916.9	60.5	3566.0
1979	1631.3	624.2	1525.1	17.0	3797.6	319.3	4116.9	20.0	3817.6	913.2	546.6	2134.4	119.3	3713.5	593.2	4306.7	39.3	3752.8
1980	1538.9	611.7	1363.4	18.0	3532.0	301.8	3833.8	19.6	3551.6	711.2	585.3	2071.0	115.0	3482.5	689.8	4172.3	35.6	3518.1
1981	1404.3	628.3	1430.0	20.5	3483.1	282.5	3765.6	18.9	3502.0	696.4	494.1	2005.4	132.0	3327.9	820.4	4148.3	60.5	3388.4
1982	1165.6	577.0	1134.8	16.5	2893.9	220.2	3114.1	23.8	2917.7	673.3	457.9	1767.5	138.9	3037.6	369.9	3407.5	51.2	3088.8
1983	1392.4	698.6	1294.4	NA	3385.4	187.3	3572.7	48.3	3433.7	897.1	492.2	2099.2	183.4	3671.9	281.5	3953.4	101.4	3773.3
1984	1438.1	725.6	1144.9	NA	3308.6	189.0	3497.6	90.0	3398.6	814.4	446.7	1992.2	240.9	3494.2	442.4	3936.6	131.1	3625.3

Domestic consumption (CONS) means the sum of producers' domestic shipments and imports for consumption.

Imports for consumption (IMPORTS): yarn+monofil includes yarn singles, monofilaments & strips; staple+tow includes grouped filaments. Not included here are plied, spun & handwork yarns; sewing thread; sliver, tops & roving and waste.

a-i. See these lettered footnotes on the opposite page.

Noncellulosic data from 1940 are on page 5 of the January-February 1971 issue. Rayon+acetate data from 1911 are on page 9 of the January 1962 ORGANON Base Book.

TABLE 7: U.S. MILL CONSUMPTION OF FIBER AND DOMESTIC CONSUMPTION OF FIBER & PRODUCTS

MILLION POUNDS & Percent

	MAN-MADE FIBER MILL CONSUMPTION = PRODUCERS' SHIPMENTS (DOM) PLUS IMPORTS FOR CONSUMPTION (IMP)																					GLASS FIBER TEXTILE END USES[b]	TOTAL GLASS FIBER (Non-Add)
	CELLULOSIC FIBER											NONCELLULOSIC FIBER											
	YARN+MONOFIL			STAPLE+TOW			WASTE					YARN+MONOFIL			STAPLE+TOW			WASTE					
YEAR	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL	DOM	IMP	TOTAL	DOM	IMP	TOTAL	SHIP	IMP	EXP	NET	TOTAL		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	
1970	695.9	3.7	699.6	634.2	80.6	714.8	34.5	0.1	22.9	11.7	1426.1	1682.6	120.8	1803.4	1682.1	57.7	1739.8	136.3	21.7	31.3	126.7	3669.9	144.6	404.9
1971	729.3	5.2	734.5	669.8	81.3	751.1	36.3	--	15.9	20.4	1506.0	2100.1	234.4	2334.5	1964.1	93.3	2057.4	157.8	36.2	29.4	164.6	4556.5	141.8	466.7
1972	632.8	10.8	643.6	718.4	51.3	769.7	38.5	--	23.6	14.9	1428.2	2689.8	224.5	2914.3	2363.1	103.7	2466.8	202.7	48.0	63.5	187.2	5568.3	158.8	589.2
1973	589.9	18.1	608.0	734.5	47.4	781.9	36.8	--	37.5	-0.7	1389.2	3273.7	140.1	3413.8	2848.4	112.8	2961.2	274.8	47.8	98.6	224.0	6599.0	157.3	676.0
1974	473.4	9.2	482.6	589.2	38.7	627.9	29.9	0.2	33.0	-2.9	1107.6	3142.3	92.1	3234.4	2450.5	73.2	2523.7	246.4	46.3	91.2	201.5	5959.6	154.6	630.8
1975	368.8	9.2	377.8	385.4	37.9	423.3	13.2	0.1	12.4	0.9	802.0	3214.8	53.8	3268.6	2553.5	55.2	2608.7	228.7	25.0	50.0	203.7	6081.0	120.2	533.5
1976	314.5	25.1	339.6	472.0	43.2	515.2	14.7	0.4	14.6	0.5	855.3	3147.2	64.0	3211.2	3018.5	67.3	3085.8	262.3	30.5	70.2	222.6	6519.6	137.0	677.6
1977	327.5	23.5	351.0	452.9	57.8	510.7	18.5	0.6	12.6	6.5	868.2	3461.4	92.5	3553.9	3373.1	52.9	3426.0	291.0	23.2	66.1	248.1	7228.0	141.0	791.3
1978	337.6	25.7	363.3	466.2	41.1	507.3	15.7	0.4	7.0	9.1	879.7	3641.9	52.2	3694.1	3505.5	60.5	3566.0	263.9	26.0	88.7	201.2	7461.3	153.7	886.7
1979	343.4	13.3	356.7	449.4	16.5	465.9	17.2	0.8	9.6	8.4	831.0	3797.6	20.0	3817.6	3713.5	39.3	3752.8	238.6	21.1	137.7	122.0	7692.4	173.5	922.6
1980	316.7	8.3	325.0	397.7	10.3	408.0	13.5	0.3	6.1	7.7	740.7	3532.0	19.6	3551.6	3482.5	35.6	3518.1	170.2	21.5	116.4	75.3	7145.0	177.8	874.4
1981	272.9	10.7	283.6	400.9	16.8	417.7	15.3	0.5	2.8	13.0	714.3	3483.1	18.9	3502.0	3327.9	60.5	3388.4	174.2	49.9	107.3	116.8	7007.2	140.5	982.0
1982	199.1	7.0	206.1	294.7	13.4	308.1	10.7	0.4	3.2	7.9	522.1	2893.9	23.8	2917.7	3037.6	51.1	3088.7	173.2	37.8	86.1	124.9	6131.3	121.7	875.6
1983	222.9	8.7	231.6	334.9	13.6	348.5	9.4	0.3	1.4	8.3	588.4	3385.4	48.3	3433.7	3671.9	101.4	3773.3	214.1	46.1	71.3	188.9	7395.9	169.6	1166.1
1984	210.2	10.0	220.2	332.3	17.0	349.3	11.4	0.5	1.6	10.3	579.8	3308.6	90.0	3398.6	3494.2	131.2	3625.4	216.9	50.5	89.7	177.7	7201.7	156.6	1273.8

	MILL CONSUMPTION OF 4 FIBERS										DOMESTIC CONSUMPTION OF 3 FIBERS (CONS) + MILL CONSUMPTION+IMPORTS (IMP) LESS EXPORTS (EXP) OF SEMIMANUFACTURED & MANUFACTURED PRODUCTS											
	MAN-MADE FIBER[a]		COTTON		WOOL		SILK		TOTAL		MAN-MADE FIBER			COTTON			WOOL			TOTAL		
YEAR	LB	%	LB	%	LB	%	LB	%	LB	%	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS	IMP	EXP	CONS
	(24)		(25)		(26)		(27		(28)		(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)
1970	5240.6	56.5	3773.6	40.6	273.3	2.9	1.8	--	9289.3	100	329.3	147.1	5422.8	463.1	199.2	4037.5	85.9	4.9	354.3	878.3	351.2	9814.6
1971	6204.3	59.7	3965.1	38.2	219.3	2.1	1.7	--	10390.4	100	451.1	146.7	6508.7	492.6	226.4	4231.3	66.2	9.4	276.1	1009.9	382.5	11016.1
1972	7155.3	63.6	3849.8	34.2	246.9	2.2	2.1	--	11254.1	100	480.5	177.6	7458.2	610.7	290.4	4170.1	63.0	30.6	279.3	1154.2	498.6	11907.6
1973	8145.5	68.0	3643.3	30.4	182.1	1.6	3.3	--	11974.2	100	465.3	288.2	8322.6	563.5	325.2	3881.6	61.3	30.8	212.6	1090.1	644.2	12416.8
1974	7221.8	67.8	3306.1	31.1	116.5	1.1	2.6	--	10647.0	100	371.3	390.7	7202.4	502.7	392.5	3416.3	53.3	23.0	146.8	927.3	806.2	10765.5
1975	7003.2	68.6	3068.7	30.1	132.0	1.3	1.0	--	10204.9	100	400.4	322.4	7081.2	501.3	353.7	3216.3	48.6	19.2	161.4	950.3	695.3	10458.9
1976	7511.9	68.0	3389.0	30.7	145.9	1.3	2.8	--	11049.6	100	479.5	352.2	7639.2	708.6	413.2	3684.4	66.7	13.9	198.7	1254.8	779.3	11522.3
1977	8237.2	71.4	3169.8	27.5	133.9	1.1	1.6	--	11542.5	100	530.7	367.6	8400.3	669.4	369.5	3469.7	85.9	11.5	208.3	1286.0	748.6	12078.3
1978	8494.7	72.8	3040.4	26.0	141.6	1.2	2.0	--	11678.7	100	642.6	441.7	8695.6	845.4	355.7	3530.1	92.2	11.6	222.2	1580.2	809.0	12447.9
1979	8696.9	73.1	3066.4	25.8	134.4	1.1	1.5	--	11899.2	100	525.0	596.6	8625.3	746.1	478.0	3334.5	80.6	14.0	201.0	1351.7	1088.6	12160.8
1980	8063.5	71.6	3064.4	27.2	137.8	1.2	+	--	11265.7	100	540.6	771.5	7832.6	810.9	523.1	3352.2	85.1	23.8	199.1	1436.6	1318.4	11383.9
1981	7862.0	73.2	2730.8	25.4	152.7	1.4	2.0	--	10747.5	100	639.1	637.7	7863.4	961.9	367.3	3325.4	93.1	11.8	234.0	1694.1	1016.8	11422.8
1982	6775.1	72.2	2478.9	26.4	129.5	1.4	2.0	--	9385.5	100	697.9	438.5	7034.5	897.2	253.4	3122.7	100.1	10.8	218.8	1695.2	702.7	10376.0
1983	8153.9	73.4	2795.7	25.1	162.5	1.5	2.0	--	11114.1	100	1069.4	460.7	8762.6	1135.4	219.6	3711.5	131.1	18.9	274.7	2335.9	699.2	12748.8
1984	7938.1	73.7	2669.3	24.8	163.2	1.5	3.0	--	10773.6	100	1342.0	488.0	8792.1	1464.8	204.6	3929.5	189.4	15.1	337.5	2996.2	707.7	13059.1

a. Data include textile glass fiber as shown in Column 23 in the upper section. For detail on producers' shipments and imports of glass fiber, see page 43 of this issue.

b. Poundages include textile applications only for glass fiber used as yarn for weaving, tire cord and selected reinforced plastics. Other types of glass fiber (such as roving and mat applications) are included with the textile applications in the "non-add" column to the right.

SOURCES OF DATA, ARRANGED BY COLUMN NUMBER ( )

All Census import and export commodity numbers are as of January 1978.

1, 4, 7, 12, 15, 18 & 23 - This issue, page 43.

2 Import Classes 309.0310, .0610, .2000, 310.0106, .0130, .0206, .0230, .0510 & .0610.

5 - Import Classes 309.3010, .3110, .4320 & .4325.

8 - Import Classes 309.6615 & .7510.

9 - Export Class 309.7400.

13 - Import Classes 309.0200, .0330-.0365, .0500, .0630-.0665, .2100, .2500, 310.0109-.0114, .0149-.0170, .0209-.0214, .0249-.0270, .0530, .0550, .0630 & .0650.

16 - Import Classes 309.3030-.3065, .3130-.3165 & .4338-.4355.

19 - Import Classes 309.6000, .6625-.7000 & .7525-.7555.

20 - Export Classes 309.7620, .7630, .7640 & .7660.

25 - *U.S. Census Bureau Report M22P.*

26 - *U.S. Census Bureau Report M22D.*

27 - Import Classes 308.0200-.2000.

29, 30, 32, 33, 35 & 36 - *Cotton and Wool Outlook & Situation* (U.S. Department of Agriculture).

CERTAIN TOTALS IN THE TABLES

(Obvious totals such as Columns 1+2=3, 4+5=6, etc., are not described here.)

10 - Columns 7+8=9 24 - Columns 11+22+23 34 - Columns 25+32-33

21 - Columns 18+19=20 31 - Columns 24+29=30 37 - Columns 26+35=36

TABLE 8: RAW FIBER EQUIVALENT OF IMPORTS & EXPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES

MILLION POUNDS

COMMODITY	MAN-MADE FIBER							COTTON							WOOL						
	ANNUAL AVERAGE							ANNUAL AVERAGE							ANNUAL AVERAGE						
	1970-1974	1975-1979	1980	1981	1982	1983	1984	1970-1974	1975-1979	1980	1981	1982	1983	1984	1970-1974	1975-1979	1980	1981	1982	1983	1984
IMPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	25.4	34.1	30.2	34.9	38.2	58.0	71.0	27.1	18.9	19.4	24.1	28.5	42.1	54.6	8.2	5.4	4.2	5.0	7.7	7.6	18.3
CLOTH[b]	102.5	87.7	81.4	106.2	105.7	138.0	170.4	261.1	266.6	258.4	350.3	266.5	346.3	450.8	13.2	17.4	21.1	27.8	25.6	28.1	39.0
SUBTOTAL	**127.9**	**121.8**	**111.6**	**141.1**	**143.9**	**196.0**	**241.4**	**288.2**	**285.5**	**277.8**	**374.4**	**295.0**	**388.4**	**505.4**	**21.4**	**22.8**	**25.3**	**32.8**	**33.3**	**35.7**	**55.3**
MANUFACTURED PRODUCTS																					
WEARING APPAREL[c]	253.4	357.1	378.6	437.1	486.5	576.0	688.9	159.7	344.2	463.8	504.0	510.5	622.8	759.5	30.4	36.8	41.7	40.9	49.4	58.8	80.8
INDUSTRIAL[d]	7.6	0.7	0.1	0.3	1.1	1.3	0.4	8.3	5.7	10.1	8.8	10.0	14.3	37.6	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[e]	30.6	36.0	50.3	60.6	66.5	296.1	411.3	36.9	40.7	45.4	59.5	67.0	78.0	138.9	11.7	14.1	17.3	18.5	19.6	34.8	52.1
ALL OTHER[f]								14.4	18.0	13.8	15.2	14.7	31.9	23.4	2.4	1.1	0.8	0.9	0.8	2.6	1.2
SUBTOTAL	**291.6**	**393.8**	**429.0**	**498.0**	**554.1**	**873.4**	**1100.6**	**218.3**	**408.6**	**533.1**	**587.5**	**602.2**	**747.0**	**959.4**	**44.5**	**52.0**	**59.8**	**60.3**	**69.8**	**96.2**	**134.1**
TOTAL IMPORTS	**419.5**	**515.6**	**540.6**	**639.1**	**698.0**	**1069.4**	**1342.0**	**526.5**	**694.1**	**810.9**	**961.9**	**897.2**	**1135.4**	**1464.8**	**65.9**	**74.8**	**85.1**	**93.1**	**100.1**	**131.9**	**189.4**
EXPORTS																					
SEMIMANUFACTURED PRODUCTS																					
YARN, THREAD, ETC.[a]	23.3	39.5	53.3	62.2	40.2	35.3	38.5	20.7	23.7	47.0	38.1	30.1	31.2	20.0	14.0	5.5	4.8	3.6	4.9	1.0	2.7
CLOTH[g]	113.0	186.0	298.5	256.4	174.8	148.6	152.6	170.0	224.9	212.3	127.7	84.8	59.4	64.5	0.7	1.2	1.6	1.9	1.4	1.1	1.4
SUBTOTAL	**136.3**	**225.5**	**351.8**	**318.6**	**215.0**	**183.9**	**191.1**	**190.7**	**248.6**	**259.3**	**165.8**	**114.9**	**90.6**	**84.5**	**14.7**	**6.7**	**6.4**	**5.5**	**6.3**	**5.1**	**4.1**
MANUFACTURED PRODUCTS																					
WEARING APPAREL	21.5	43.1	127.1	120.7	75.2	70.8	79.4	32.9	63.0	180.8	123.0	80.0	72.1	68.2	1.8	3.6	14.9	4.0	2.9	3.0	2.7
INDUSTRIAL[d]	11.2	46.0	115.5	48.1	27.8	23.2	31.3	17.8	23.4	19.6	17.5	14.3	11.8	14.4	*NOMINAL POUNDAGES INCLUDED IN OTHER*						
HOME FURNISHINGS[h]	24.3	52.5	111.4	84.2	65.9	10.7	102.9	23.5	36.9	43.0	38.7	28.3	31.6	36.9	1.7	1.9	0.4	0.3	0.2	0.3	6.5
ALL OTHER[i]	36.8	49.0	65.7	66.1	54.6	172.1	83.3	21.8	22.1	20.4	22.3	15.9	13.7	0.6	1.5	1.9	2.1	2.0	1.4	1.5	1.8
SUBTOTAL	**93.8**	**190.6**	**419.7**	**319.1**	**223.5**	**276.8**	**296.9**	**96.0**	**145.4**	**263.8**	**201.5**	**138.5**	**129.0**	**120.1**	**5.0**	**7.4**	**17.4**	**6.3**	**4.5**	**13.8**	**11.0**
TOTAL EXPORTS	**230.1**	**416.1**	**771.5**	**637.7**	**438.5**	**460.7**	**488.0**	**286.7**	**394.0**	**523.1**	**367.3**	**253.4**	**219.6**	**204.6**	**19.7**	**14.1**	**23.8**	**11.8**	**10.8**	**18.9**	**15.1**
NET EXPORTS (+) OR NET IMPORTS (-)	**-189.4**	**-99.5**	**+230.9**	**-1.4**	**-259.5**	**-608.7**	**-854.0**	**-239.8**	**-300.1**	**-287.8**	**-594.6**	**-643.8**	**-915.8**	**-1260.2**	**-46.2**	**-60.7**	**-61.3**	**-81.3**	**-89.3**	**-113.0**	**-174.3**

SOURCE: U.S. Department of Agriculture, *Cotton and Wool Outlook & Situation.*

a. Man-made fiber yarn exports do not include substantial poundages of indirect exports. Indirect exports are shipments which are billed to a domestic customer by a yarn producer but which are ultimately exported by the customer. Indirect export data are available for the years 1980-1984 only; the corresponding poundages for each year are, respectively (in millions of pounds): 142.4, 254.0, 166.2, 87.0 & 108.8.

Includes sliver, tops, roving, plied (textured and other), thrown and spun yarn, sewing thread and handwork yarns. Yarn singles (textured and other) are not included here; rather they are included in Column 13 on page 44 of this issue.

b. Includes broad & narrow woven fabrics and knit cloth, except that cotton narrow fabrics and wool knit fabrics are included in All Other.

c. Wool includes lace & lace articles, veils & veilings and nets & nettings.

d. The man-made fiber data are tire cord & tire cord fabric.

e. Includes carpets & rugs. Lace window curtains are in All Other.

f. Includes such products as lace & lace articles, lace window curtains, braids, tassels, polishing & dustcloths, etc. Wool includes knit fabric in the piece, but not lace & lace articles, which are in Wearing Apparel. For 1983 & 1984 only, cotton and man-made fiber include imports of soft-sided luggage. For those years the poundages were, respectively, 180.5 & 229.0 for man-made fiber, and 14.1 & 18.7 for cotton.

g. Includes broad & narrow woven fabrics and knit cloth. Cotton also includes table damask, tire cord & fabric. Cotton knit fabrics and narrow fabrics are included in All Other.

h. Includes carpets & rugs.

i. Includes such products as lace & lace articles, polishing & dustcloths, braids, tassels, etc. Cotton also includes knits and narrow fabric.

Note: In the case of blended or mixed fiber products, the poundages of each of the component fibers have been estimated and included in the proper category, e.g., in a polyester and cotton fabric, the polyester portion is tabulated with man-made fiber and the cotton portion with cotton. A waste factor has been included to bring the data to the equivalent raw fiber consumption.

TABLE 9: FILAMENT YARN DOMESTIC SHIPMENTS BY DENIER

MILLION POUNDS

ACETATE

DENIER	1978	1979	1980	1981	1982	1983	1984
55 (62 & FINER)	67.1	68.0	66.1	45.3	37.3	36.2	28.5
75 (63-87)	72.3	63.8	67.5	62.3	39.1	45.6	41.0
100 (88-112)	20.2	26.5	31.4	26.6	19.3	19.9	14.6
150 (113-162)	91.3	108.9	87.6	77.5	62.5	83.9	84.5
200 (163-237)	2.4	3.4	2.6	1.5	0.7	0.7	0.6
300 (238-374)	9.6	9.7	7.3	7.3	6.4	8.0	7.9
450 (375 & COARSER)	11.7	8.1	6.7	5.8	3.7	3.3	3.0
TOTAL DOMESTIC SHIPMENTS	**274.6**	**288.4**	**269.2**	**226.3**	**169.0**	**197.6**	**180.1**
Average Denier[a]	*90*	*92*	*88*	*91*	*92*	*96*	*99*

POLYESTER TEXTILE

DENIER	1978	1979	1980	1981	1982	1983	1984
55 & FINER	25.9	30.1	37.3	48.6	28.6	36.6	31.9
70 (56-89)	212.5	215.0	191.3	147.9	141.0	162.1	130.5
100 (90-109)	58.1	63.4	32.6	41.4	56.4	51.2	77.5
120 (110-129)	18.6	4.8	2.8	68.9	41.7	21.1	11.6
135 (130-144)	15.3	18.6	10.1				
150 (145-179)	783.7	765.2	738.6	745.1	519.3	641.1	524.3
180 & COARSER[c]	49.8	66.8	65.3	68.9	61.0	70.9	46.9
TOTAL DOMESTIC SHIPMENTS	**1163.9**	**1163.9**	**1078.0**	**1120.8**	**848.0**	**983.0**	**822.7**
Average Denier[a]	*116*	*116*	*118*	*121*	*115*	*115*	*116*

NYLON TEXTILE

DENIER	1978	1979	1980	1981	1982	1983	1984
MONOFILS & FEWOFILS[b]	27.9	31.7	29.1	23.5	25.4	27.5	21.0
FILAMENT YARN							
34 & FINER	41.0	38.0	35.9	39.8	30.3	36.8	38.5
40 (35-59)	164.1	177.5	155.4	142.8	117.8	152.7	135.3
70 (60-89)	122.0	112.4	109.0	85.7	63.9	75.5	73.7
100 (90-109)	43.6	43.7	42.7	43.4	37.4	29.4	29.1
140 (110-179)	20.2	21.2	21.1	26.2	18.5	16.1	11.4
200 (180-204)	19.7	18.6	18.2	19.7	16.1	18.0	21.3
205 & COARSER[c]	44.3	18.1	15.2	17.5	12.2	13.8	13.0
TOTAL DOMESTIC SHIPMENTS	**482.8**	**461.2**	**426.6**	**398.6**	**321.6**	**369.8**	**343.3**
Average Denier[a]	*48*	*45*	*46*	*47*	*38*	*43*	*54*

NYLON CARPET

DENIER	1978	1979	1980	1981	1982	1983	1984
1199 & FINER	443.8	479.2	460.6	138.4	138.0	212.1	275.3
1200-1499				331.7	300.9	385.4	354.5
1800 (1500-1900)	126.6	131.2	149.4	88.9	65.3	83.9	85.5
2600 (1901-2700)	89.4	100.7	84.8	55.5	40.0	44.4	43.2
2701 & COARSER	18.0	21.4	19.7	19.1	15.3	8.8	11.7
TOTAL DOMESTIC SHIPMENTS	**677.8**	**732.5**	**714.5**	**633.6**	**559.5**	**734.6**	**770.2**
Average Denier[a]	*1503*	*1506*	*1503*	*1448*	*1423*	*1398*	*1396*

a. Average Denier calculated by harmonic mean method.
b. Monofilaments up to 40 denier. Fewofils are multifilament yarns with 4 or fewer filaments in the bundle.
c. Includes low denier industrial yarn in 1978.

TABLE 10: PRODUCERS' WASTE SHIPMENTS

MILLION POUNDS

YEAR	RAYON	NONCELLULOSIC	YEAR	RAYON	NONCELLULOSIC
1961	32.8	32.3	1973	36.8	274.8
1962	34.5	37.7	1974	29.9	246.4
1963	40.2	42.0	1975	13.2	228.7
1964	49.0	45.9	1976	14.7	262.3
1965	51.5	55.2	1977	18.5	291.0
1966	44.6	66.5	1978	15.7	263.9
1967	36.1	92.8	1979	17.2	238.6
1968	44.3	122.3	1980	13.5	170.2
1969	39.4	140.3	1981	15.3	174.2
1970	34.5	136.3	1982	10.7	173.2
1971	36.3	157.8	1983	9.4	214.1
1972	38.5	202.7	1984	11.4	216.9

TABLE 11: RAW COTTON CONSUMPTION

BALES

MONTH	1976	1977	1978	1979	1980	1981	1982	1983	1984
JANUARY	627	509	493	603	604	435	378	404	469
FEBRUARY	559	528	501	472	506	446	398	430	447
MARCH	655	654	620	506	513	539	492	549	547
APRIL	596	507	484	584	622	433	409	431	430
MAY	579	507	484	484	496	441	392	441	442
JUNE	610	616	575	489	478	531	460	543	501
JULY	489	395	383	503	487	385	317	369	354
AUGUST	550	494	459	472	442	429	386	453	415
SEPTEMBER	556	606	569	482	456	517	474	560	494
OCTOBER	554	835	482	630	597	448	416	459	415
NOVEMBER	527	504	595	482	458	403	390	446	382
DECEMBER	531	562	435	436	475	400	425	468	408
TOTAL	6833	6717	6080	6143	6134	5407	4937	5553	5304

TABLE 12: RAW SILK DELIVERIES

BALES

MONTH	1976	1977	1978	1979	1980	1981	1982	1983	1984
JANUARY	925	352	321	501	312	471	450	280	715
FEBRUARY	469	239	394	302	644	380	489	506	537
MARCH	689	242	424	687	422	471	662	390	455
APRIL	362	212	382	353	507	446	398	462	315
MAY	251	254	397	471	366	322	234	717	636
JUNE	579	259	299	418	285	529	369	377	655
JULY	337	322	316	407	257	300	495	264	229
AUGUST	358	311	341	756	332	259	403	474	672
SEPTEMBER	422	370	401	492	342	348	364	534	532
OCTOBER	268	424	280	490	365	414	226	529	562
NOVEMBER	222	322	468	368	265	487	514	587	391
DECEMBER	159	433	214	518	323	611	317	324	538
TOTAL	5041	3740	4237	5763	4420	5038	4921	5444	6237

INTERNATIONAL TRADE SUPPLEMENT

NET-AVAILABLE SUPPLY

The 1983 by-country production, import, export and net-available or retained supply of four categories of man-made fiber are tabulated on page 48.

"Net-available supply" is defined as production plus imports less exports plus the balance of trade in spun yarn. Sometimes this is also called "apparent consumption".

Regarding the data in Table 13, acetate cigarette tow has been excluded, while imports and exports of tire cord and tire cord fabric have been included.

"Yarn" is defined to include tire cord and tire cord fabric, filament yarn and monofilaments.

"Staple" is defined to include tow, fiberfill, tops and advanced waste. Unprocessed waste is not included.

In a few cases where a country's import or export data could not be accurately separated as either cellulosic or noncellulosic fiber, a division was estimated. Also, when the known exports from the United States or other countries to a certain country were more than that country's reported imports, the larger figure was used.

Except for spun yarns, the imports and exports of manufactured and semimanufactured man-made fiber products (e.g., fabric, dresses, hosiery, etc.) are not included in the data.

The spun yarn data are shown under the "Total Man-Made Fiber" columns in Table 13; space does not permit the presentation of the import and export data separately. These data may include some poundages of blending fibers other than man-made fibers.

A net import poundage is shown in the "spun" column as (+), in other words, an addition to a country's net-available supply, while conversely a net export is (-). For example, the net 1983 cellulosic yarn figure for France is shown as -6.7, which consists of imports of 4.9 (+4.9) and exports of 11.6 (-11.6).

EDITOR'S NOTE ABOUT FIBER TRADE DETAIL

For many countries, the generic import and export data supplied in Table 13 have been listed in the tables on pages 49-51 in detail by specific fiber. These data have been reported to the Textile Economics Bureau (T.E.B.) over the past year and a half. T.E.B. regrets that these results have not been published in the ORGANON sooner, but the complexity of the data and considerable cross-checking of sources prohibited us from releasing the information any sooner.

For several countries, the data listed on pages 49-51 are incomplete and have required some editing. Nonetheless, it is the intention of T.E.B. to not only publish these data every year, but to expand the survey when possible to encompass more countries and greater detail. In the future, it is our hope to cover all the major producing countries in the world.

The Textile Economics Bureau would like to express its appreciation for the help and cooperation extended by numerous man-made fiber associations, producing companies and individuals, as well as the U.S. Foreign Service posts reporting through the Office of Textiles and Apparel, U.S. Department of Commerce. Without their support this survey would not have been possible.

TABLE 13: 1984 MAN-MADE FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY (EXCEPT OLEFIN & TEXTILE GLASS)

MILLION POUNDS

COUNTRY & AREA	CELLULOSIC								NONCELLULOSIC								TOTAL MAN-MADE FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW							CELL	NC	NET
	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMPORT	EXPORT	SPUN	SPUN	AVAIL
WEST EUROPE																						
AUSTRIA	25.4	8.9	23.8	10.5	241.8	7.4	18.6	230.6	0	45.1	6.6	38.5	39.7	49.8	40.1	49.4	306.9	111.2	89.1	+23.1	+5.7	357.8
BENELUX	90.6	33.1	98.8	24.9	13.4	89.9	7.4	95.9	136.7	307.0	212.8	230.9	46.9	268.4	94.7	220.6	287.6	698.4	413.7	-17.3	-38.1	516.9
IRELAND (EIRE)	0	2.7	0.1	2.6	0	3.9	1.6	2.3	24.2	30.2	29.0	25.4	70.5	4.1	96.7	-22.1	94.7	40.9	127.4	-1.4	-0.2	6.6
FINLAND	0	3.1	+	3.1	127.0	7.7	131.9	2.8	1.1	23.0	2.3	21.8	0	29.2	0.7	28.5	128.1	63.0	134.9	+1.2	+7.5	64.9
FRANCE	18.5	52.4	26.5	44.4	65.0	35.0	46.5	53.5	139.5	164.7	120.7	183.5	297.8	213.7	187.9	323.6	520.8	465.8	381.6	-6.7	-10.9	587.4
GERM., FED. REP.[a]	130.1	53.6	94.1	89.6	121.3	72.6	97.3	96.6	732.3	163.0	574.6	320.7	938.0	222.9	655.0	505.9	1921.7	512.1	1421.0	-1.2	+13.4	1025.0
GREECE	13.9	0.2	11.2	2.9	0	8.4	+	8.4	19.8	10.9	12.0	18.7	22.0	47.8	11.8	58.0	55.7	67.3	35.0	-0.4	+0.6	88.2
ITALY/MALTA	64.6	38.0	41.7	60.9	0	91.3	3.3	88.0	314.1	120.5	280.4	154.2	688.7	264.5	508.7	444.5	1067.4	514.3	834.1	-13.0	-136.3	598.3
NORWAY	0	1.3	0	1.3	0	7.2	6.7	0.5	0	7.7	1.9	5.8	0	8.6	0.1	8.5	0	24.8	8.7	-0.3	-2.5	13.3
PORTUGAL	7.7	3.3	0.7	10.3	0	18.8	+	18.8	6.6	35.5	4.4	37.7	86.0	21.5	6.3	101.2	100.3	79.1	11.4	-5.2	-4.0	158.8
SPAIN	23.1	4.2	3.0	24.3	47.4	9.5	2.2	54.7	142.6	20.7	17.9	145.4	364.2	64.1	111.4	316.9	577.3	98.5	134.5	+1.7	+11.6	554.6
SWEDEN	0	3.7	2.0	1.7	86.6	9.1	78.5	17.2	0	29.9	0.9	29.0	0	19.7	0.2	19.5	86.6	62.4	81.6	-0.8	-5.2	61.4
SWITZERLAND	0	3.5	1.0	2.5	0	17.3	0.1	17.2	136.5	16.3	149.2	3.6	67.2	26.3	57.8	35.7	203.7	63.4	208.1	-0.4	-2.9	55.7
TURKEY	0.7	2.6	0	3.3	8.8	4.9	0	13.7	105.9	35.7	18.1	123.5	223.7	22.0	113.5	132.2	339.1	65.2	131.6	0	+2.5	275.2
UNITED KINGDOM	55.1	29.7	54.3	30.5	254.0	49.6	227.1	76.5	176.4	280.5	134.4	322.5	325.5	180.7	206.4	299.8	811.0	540.5	622.2	+0.7	+58.1	788.1
TOTAL WEST EUROPE	**429.7**	**240.3**	**357.2**	**312.8**	**965.3**	**432.6**	**621.2**	**776.7**	**1935.7**	**1290.7**	**1565.2**	**1661.2**	**3170.2**	**1443.3**	**2091.3**	**2522.2**	**6500.9**	**3406.9**	**4634.9**	**-20.0**	**-100.7**	**5152.2**
U.S.A.	**254.2**	**8.7**	**15.8**	**247.1**	**374.3**	**13.6**	**43.2**	**344.7**	**2852.7**	**48.4**	**226.7**	**2674.4**	**3780.9**	**101.5**	**311.8**	**3570.6**	**7262.1**	**172.2**	**597.5**	**+0.6**	**+6.4**	**6843.8**
OTHER AMERICAS																						
ARGENTINA	3.8	2.8	+	6.6	0	2.6	0	2.6	53.4	4.3	0.1	57.6	35.3	11.8	+	47.1	92.5	21.5	0.1	0	0	113.9
BRAZIL	40.6	0.3	10.0	30.9	48.5	1.5	15.2	34.8	233.0	1.9	15.1	219.8	175.7	1.7	21.1	156.3	497.8	5.4	61.4	0	+5.0	446.8
CANADA	22.0	24.3	9.3	37.0	66.1	4.1	46.2	24.0	130.6	99.0	36.0	193.6	116.9	86.3	19.9	183.3	335.6	213.7	111.4	-1.0	-12.6	424.3
CHILE	2.2	0.1	0	2.3	7.0	6.9	0	13.9	10.4	0.7	0	11.1	2.2	8.2	0	10.4	21.8	15.9	0	0	0	37.7
COLOMBIA	4.0	0.3	0	4.3	0	3.1	0	3.1	61.7	1.0	+	62.7	26.5	1.2	0	27.7	92.2	5.6	+	0	0	97.8
COSTA RICA	0	0.1	0	0.1	0	0.2	0	0.2	7.7	1.3	8.8	0.2	0	5.7	1.1	4.6	7.7	7.3	9.9	0	0	5.1
CUBA	4.4	0.1	+	4.5	7.7	0	+	7.7	0	1.0	0	1.0	0	0.1	0	0.1	12.1	1.2	+	0	0	13.3
ECUADOR	0	0.9	0	0.9	0	2.8	0	2.8	8.8	2.7	0	11.5	0	7.7	0	7.7	8.8	14.1	0	0	0	22.9
MEXICO	23.8	0.1	1.5	22.4	11.0	6.1	+	17.1	291.3	1.0	12.7	279.6	289.0	7.6	18.9	277.7	615.1	14.8	33.1	0	+4.4	601.2
PERU	2.2	+	0	2.2	0	1.6	0	1.6	25.4	0.7	0	26.1	64.9	1.7	0	66.6	92.5	4.0	0	0	+	96.5
URUGUAY	2.2	1.4	0.9	2.7	0	3.5	+	3.5	2.9	1.1	0.4	3.6	8.2	1.6	4.7	5.1	13.3	7.6	6.0	0	0	14.9
VENEZUELA	3.3	1.7	0	5.0	0	17.0	0	17.0	21.4	20.2	0	41.6	8.8	5.8	0	14.4	33.5	44.5	0	0	0	78.0
TOTAL O. AMERICAS	**108.5**	**32.1**	**21.7**	**118.9**	**140.3**	**49.4**	**61.4**	**128.3**	**846.6**	**134.9**	**73.1**	**908.4**	**727.5**	**139.2**	**85.7**	**801.0**	**1822.9**	**355.6**	**221.9**	**-1.0**	**-3.2**	**1952.4**
JAPAN	**257.5**	**3.7**	**2.0**	**259.2**	**590.6**	**0.7**	**4.4**	**586.9**	**1316.1**	**12.1**	**20.2**	**1308.0**	**1589.5**	**3.8**	**26.9**	**1566.4**	**3753.7**	**20.3**	**53.5**	**+0.6**	**+5.9**	**3727.0**
AFRICA, ASIA & OCEANIA																						
AUSTRALIA/N.Z.	0	4.9	0	4.9	0	7.9	0.4	7.5	32.0	26.8	0.2	58.6	2.2	24.7	0.5	26.4	34.2	64.3	1.1	-0.2	-14.8	82.4
BANGLADESH	5.5	0	0	5.5	2.2	4.9	0	7.1	0.4	0.6	0	1.0	11.0	1.1	0	12.1	19.1	6.6	0	0	0	25.7
EGYPT	15.4	1.2	0	16.6	10.1	11.8	0	21.9	7.7	14.6	0	22.3	27.8	14.9	1.6	41.1	61.0	42.5	1.6	-0.2	-4.1	97.6
INDIA	101.9	15.1	2.8	114.2	152.6	92.6	0	245.2	192.2	36.5	0.2	228.5	89.1	44.6	0	133.7	535.8	188.8	3.0	+0.1	0	721.7
INDONESIA	0	7.2	0	7.2	26.5	4.3	0	30.8	154.3	8.0	+	162.3	151.0	28.5	0	179.5	331.8	48.0	+	-0.5	+1.0	380.3
IRAN	0	16.9	0	16.9	0	196.2	0	196.2	39.8	53.9	0	93.7	48.5	100.2	0	148.7	88.3	367.2	0	-1.7	-51.4	402.4
IRAQ	6.6	0.6	0	7.2	12.1	2.7	0	14.8	0	8.0	0	8.0	0	1.0	0	1.0	18.7	12.3	0	-0.6	-3.4	27.0
ISRAEL	0	2.1	0	2.1	0	6.4	+	6.4	25.7	17.5	12.6	30.6	15.4	5.2	5.3	15.3	41.1	31.2	17.9	-1.2	-8.4	44.8
KENYA	0	0	0	0	0	5.7	0	5.7	6.8	0.8	0	7.6	0	5.1	0	5.1	6.8	11.6	0	0	0	18.4
KOREA, REP. OF	28.4	23.0	5.4	46.0	0	43.7	0	49.7	741.6	40.5	87.2	694.9	723.2	49.6	43.8	729.0	1493.2	162.8	136.4	-3.8	-145.0	1370.8
MALAYSIA	0	2.3	+	2.3	0	5.2	0	5.2	0	32.2	0.2	32.0	77.2	21.0	49.6	48.6	77.2	60.7	49.8	+0.1	-8.8	79.4
NIGERIA	0	0.8	0	0.8	0	4.9	0	4.9	5.5	10.8	0	16.3	5.5	1.9	0	7.4	11.0	18.4	0	0	+6.1	35.5
PAKISTAN	5.5	5.7	0	11.2	0	41.9	0	41.9	16.5	22.9	0	39.4	22.0	31.9	+	53.9	44.0	102.4	+	-0.5	-3.4	142.5
PHILIPPINES	0	0.4	0	0.4	0	9.2	+	9.2	81.6	5.5	0	87.1	35.3	23.9	0	59.2	116.9	39.0	+	0	0	155.9
SOUTH AFRICA	0	7.5	0	7.5	0	21.3	0	21.3	79.4	24.9	7.5	96.8	46.3	48.4	1.6	93.1	125.7	102.1	9.1	0	+2.3	221.0
SRI LANKA	0	0.1	0	0.1	0	2.3	0	2.3	2.2	0.4	8.8	-6.2	0	1.3	0	1.3	2.2	4.1	8.8	0	0	-2.5
TAIWAN	6.6	2.1	5.0	3.7	217.2	18.5	68.4	167.3	712.9	28.6	317.6	423.9	912.7	107.2	190.7	829.2	1849.4	156.4	581.7	-12.6	-140.9	1270.6
THAILAND	0	1.0	+	1.0	38.6	1.9	13.4	27.1	70.5	2.2	1.3	71.4	110.2	12.7	0	122.9	219.3	17.8	14.7	0	0	222.4
TOT. A, A & O ABOVE	**169.9**	**90.9**	**13.2**	**247.6**	**459.3**	**487.4**	**82.2**	**864.5**	**2169.1**	**334.7**	**435.6**	**2068.2**	**2277.4**	**523.2**	**293.1**	**2507.5**	**5075.7**	**1436.2**	**824.1**	**-21.1**	**-370.8**	**5298.9**
HUNGARY	0	33.3	0.4	32.9	14.1	34.7	17.2	31.6	16.7	20.8	3.4	34.1	29.1	26.7	7.6	48.2	59.9	115.5	28.6	-2.2	-4.5	140.1
POLAND	40.1	2.2	0	42.3	112.9	9.8	0.3	122.4	188.3	14.2	0.4	202.1	137.1	8.4	1.3	144.2	478.4	34.6	2.0	-1.1	-9.4	500.5

a. German export data are partially estimated.

TABLE 14: CELLULOSIC FIBER TRADE DETAIL

1982-1983

COUNTRY	RAYON				ACETATE				OTHER				TOTAL YARN				TOTAL STAPLE[a]			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																				
CYPRUS													0.2	0.1	+	+	0	0	0	0
DENMARK													0.4	0.7	+	0.1	3.3	3.0	+	+
FINLAND													1.5	1.7	+	+	8.2	7.7	100.8	131.9
HUNGARY	29.8	29.5	0.4	0.4									29.8	29.5	0.4	0.4	34.8	34.7	8.2	17.2
IRELAND	0.4	1.5	0	+	0.5	0.7	+	0.1	0.4	0.5	0.1	+	1.3	2.7	0.1	0.1	4.8	3.9	2.0	1.6
ITALY/MALTA	29.4	26.6	5.6	6.9	7.0	8.1	21.4	19.5	1.6	1.7	6.5	11.0	38.0	36.4	33.5	37.4	69.8	91.3	9.4	3.3
PORTUGAL		2.5				0.7				0.1			1.6	3.3	0.4	0.7	22.7	18.8	0.1	+
SPAIN													3.2	4.2	3.3	3.0	19.9	9.5	2.2	2.2
TURKEY													2.4	2.6			2.9	4.9		
U. KINGDOM	25.1	22.3	4.6	1.9	6.6	6.0	45.5	50.3	1.3	1.3	1.9	1.1	33.0	29.6	52.0	53.3	56.1	49.6	153.8	227.1
OTHER AMERICAS																				
BOLIVIA													0.1	+			0.7	0.4		
BRAZIL			6.7	9.9	0.6	0.3		0.1					0.6	0.3	6.7	10.0	1.3	1.5	3.8	15.2
COLUMBIA																				
COSTA RICA																				
GUATEMALA	1.1	1.1	+	+					0.5	0.3	0.3	0.3	1.6	1.4	0.3	0.3				
MEXICO	+	0.1	2.1		0	0	0				4.8		+	0.1	6.9	1.5	2.7			
URUGUAY													0.1	1.3	1.1	0.9	1.3	3.5	0.1	+
VENEZUELA													0.3	0.7			19.2	17.0		
AFRICA, ASIA & OCEANIA																				
INDIA	7.3	15.1											7.3	15.1			86.6	92.6		
KOREA, REP. OF	0.6	0.6	7.0	5.1	19.9	21.0	0	+	1.5	1.4	0.1	0.2	21.7	23.0	7.1	5.3	24.0	49.7	2.7	0
MALAYSIA	0.3	0.5			+	+			0.1	0.1	+	+	0.4	0.6	+	+	4.6	5.2	+	0
NIGERIA													2.7		1.8		3.6			
S. AFRICA																				
SRI LANKA																				
TAIWAN													1.6	2.1	3.7	5.0	14.0	18.5	56.7	68.4
THAILAND													NA		NA	NA	9.3	1.9	14.3	13.4

a. Staple data are predominantly rayon, but may include some acetate staple.

TABLE 15: TIRE CORD AND SPUN YARN TRADE DETAIL

1982-1983

COUNTRY	TIRE CORD								SPUN YARN							
	RAYON				NONCELLULOSIC				CELLULOSIC				NONCELLULOSIC			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																
CYPRUS[a]	a	a	0	0	a	a	a	a	+	+	0.1	+	1.6	0.9	+	+
DENMARK	0	0	0	0	+	+	0	0	1.1	1.7	0.4	0.2	21.7	25.4	6.6	12.3
FINLAND	1.2	1.4	0	0	+	+	0	0	2.1	1.3	+	0.1	8.8	8.2	1.1	0.7
HUNGARY	2.3	3.8		0.5		0.1										
IRELAND	1.1		0		0.9		+		1.2		1.2		8.0		7.6	
ITALY/MALTA	1.4	1.6	3.1	4.3	1.2	1.5	0.1	+	6.0	5.9	16.4	18.8	11.2	12.2	132.7	148.4
PORTUGAL									0.3	0.1	4.1	5.3	4.7	3.6	7.5	7.6
SPAIN																
TURKEY					0.3	0.4										
U. KINGDOM	0.4	0.1	1.0	1.0	0.3	0.5	2.8	3.5	5.1	4.7	3.3	4.0	69.7	79.1	18.6	21.1
OTHER AMERICAS																
BOLIVIA		7.5							1.2							
BRAZIL					3.2	1.5	0.2	+								
COLUMBIA								+					0.4	0.1		
COSTA RICA																
GUATEMALA																
MEXICO	11.4	6.6	+		1.1		0.1		0.2		6.6		0.7	1.6	7.2	
URUGUAY	+	0.1			0.1	0.5					+	+	0.1	0.3	0.3	0.3
VENEZUELA	0.8	1.0			14.6	14.5			0.1	0.2			1.4	1.7		
AFRICA, ASIA & OCEANIA																
INDIA					8.7	10.7										
KOREA, REP.	0	0	+	0.1	1.4	0.5	22.5	27.8	0.2	0.5	3.4	4.3	7.0	14.4	133.3	159.4
MALAYSIA	2.0	1.7	2.4	+	24.3	22.0	11.4	0.1	0.2	0.1	+	+	4.8	4.7	10.5	13.5
NIGERIA																
S. AFRICA																
SRI LANKA																
TAIWAN					8.2	6.2	1.0	0.1	0.1	0.1	13.3	12.7	1.6	1.5	127.0	142.4
THAILAND									NA		NA	NA	NA		NA	NA

a. Cyprus reported tire cord data in square yards, instead of pounds.
RAYON: Imports 1982-3847 SQY; 1983-15671 SQY.
NONCELLULOSIC: Imports 1982-835464 SQY; 1983 948909 SQY; Exports 1982-124549 SQY; 1983-182563 SQY.

TABLE 16A: NONCELLULOSIC YARN TRADE DETAIL

1982-1983

COUNTRY	NYLON				POLYESTER				OTHER				TOTAL YARN			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																
CYPRUS													1.2	1.0	+	+
DENMARK													45.0	47.8	21.7	23.5
FINLAND													26.0	23.0	1.5	2.3
HUNGARY													24.2	20.7	3.5	3.4
IRELAND	5.4	2.5	11.9	1.3	23.2	24.5	18.2	26.4	2.8	3.2	1.8	1.3	31.4	30.2	31.9	29.0
ITALY/MALTA	58.5	60.7	147.8	163.4	50.6	47.3	55.2	55.0	9.1	11.0	63.4	62.0	118.2	119.0	266.4	280.4
PORTUGAL		20.1				11.0				4.4			37.5	35.5	2.6	4.4
SPAIN													22.6	20.7	13.5	17.9
TURKEY							15.4	18.1					26.5	35.3	15.4	18.1
U. KINGDOM	114.6	129.8	60.1	72.5	113.5	124.4	27.2	31.8	21.8	25.8	18.3	26.6	249.9	280.0	105.6	130.9
OTHER AMERICAS																
BOLIVIA																
BRAZIL	0.2	0.3	+	0.2	0.7	0.1	7.2	14.9					0.9	0.4	7.2	15.1
COLUMBIA	0.6	1.0											0.6	1.0		
COSTA RICA							7.4	8.8							7.4	8.8
GUATEMALA																
MEXICO	2.1	0.9	0.5		2.5	0.1	5.5						4.6	1.0	6.0	
URUGUAY													1.8	0.6	0.8	0.4
VENEZUELA													7.6	5.7		
AFRICA, ASIA & OCEANIA																
INDIA	1.1	2.3			18.6	17.9			4.5	5.6			24.2	25.8		
KOREA, REP. OF	14.2	9.3	2.0	10.7	41.1	25.7	12.6	45.8	7.5	5.0	1.4	2.9	62.8	40.0	16.0	59.4
MALAYSIA	4.0	3.0	+	+	6.3	6.2	+	+	0.5	1.0	+	0.1	10.8	10.2	+	0.1
NIGERIA													15.9			
S. AFRICA																
SRI LANKA													0	0.4	6.6	8.8
TAIWAN													13.3	22.4	259.4	317.5
THAILAND													NA		NA	NA

TABLE 16B: NONCELLULOSIC STAPLE TRADE DETAIL

1982-1983

COUNTRY	NYLON				POLYESTER				ACRYLIC				OTHER				TOTAL STAPLE			
	IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS		IMPORTS		EXPORTS	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
EUROPE																				
CYPRUS																	1.0	0.9	0	0
DENMARK																	14.6	17.6	12.0	17.4
FINLAND																	27.9	29.2	0.1	0.7
HUNGARY																	27.3	26.7	6.2	7.6
IRELAND	1.9	1.8	10.2	10.6	2.0	1.7	40.8	43.8	0.6	0.2	31.2	40.4	0.5	0.4	1.2	1.9	5.0	4.1	83.4	96.7
ITALY/MALTA	12.9	18.5	45.3	52.2	75.2	82.1	32.2	67.5	152.3	158.8	235.3	312.9	4.7	5.1	55.7	76.1	245.1	264.5	368.5	508.7
PORTUGAL		1.6				5.2				12.1				2.6			18.5	21.5	12.9	6.3
SPAIN																	91.9	64.1	89.9	111.4
TURKEY	20.7	22.0					16.5	22.0			77.2	91.5					20.7	22.0	93.7	113.5
U. KINGDOM	21.1	22.4	21.1	28.4	62.4	74.9	28.0	25.2	51.3	63.6	137.5	140.4	13.3	19.8	9.7	12.4	148.1	180.7	196.3	206.4
OTHER AMERICAS																				
BOLIVIA																				
BRAZIL	0.3	0.1	0.2	0.1	1.4	1.3	17.3	16.9	2.3	0.3	0.7	4.1					4.0	1.7	18.2	21.1
COLUMBIA	0.3	1.2															0.3	1.2		
COSTA RICA																				
GUATEMALA																				
MEXICO	3.9		0.4		3.5	6.0	10.6		0.6	1.6	7.2						8.0	7.6	18.2	
URUGUAY																	0.9	1.6	3.9	4.7
VENEZUELA																	4.4	5.6		
AFRICA, ASIA & OCEANIA																				
INDIA	0.2	0.3			10.1	23.2			1.1	5.0			20.3	16.1			31.7	44.6		
KOREA, REP. OF	0.7	1.3	2.0	2.4	8.6	23.8	41.7	36.6	11.1	17.6	0.9	4.3	8.9	6.9	2.1	0.5	29.3	49.6	46.7	43.8
MALAYSIA	0.1	+	+	0	5.7	14.1	22.5	49.5	4.9	6.3	0	0.1	0.4	0.6	0	+	11.1	21.0	22.5	49.6
NIGERIA																	2.0		4.4	
S. AFRICA					0.2	0.1	2.4	1.6									66.1	48.4	2.4	1.6
SRI LANKA																				
TAIWAN																	86.8	107.2	162.5	190.7
THAILAND																	NA			

TRADE BAROMETER

MAN-MADE FIBER TRADE BALANCE LEVELS-OFF

The U.S. man-made fiber balance of trade leveled off in January, as the net-export balance of trade fell to 64.0 million pounds, down from the 67.0 million-pound export balance in December.

Falling exports coupled with rising imports caused the slippage in the trade situation. Imports of fiber totaled 23.8 million pounds, up 5½% from December's level of 22.6 million pounds. January exports of fiber totaled 87.8 million pounds, down 2% from 89.5 million pounds in December.

Even so, January's net-export trade balance is 89% higher than that of January 1984. This month's exports are 50% greater than last January's level, while imports are nearly 4% below last January's level.

JANUARY DETAIL

The net-export trade balance in noncellulosic yarn+monofilaments fell 26% in January to 14.5 million pounds, while the net-export balance in noncellulosic staple+tow rose 11% to 45.0 million pounds.

The noncellulosic yarn balance of trade slid in January as imports of yarn rose by nearly 1½ million pounds and exports fell by nearly 4 million pounds.

The balance of trade for noncellulosic staple rose in January on the strength of a 5 million-pound gain in exports. Imports of staple rose 100,000 pounds.

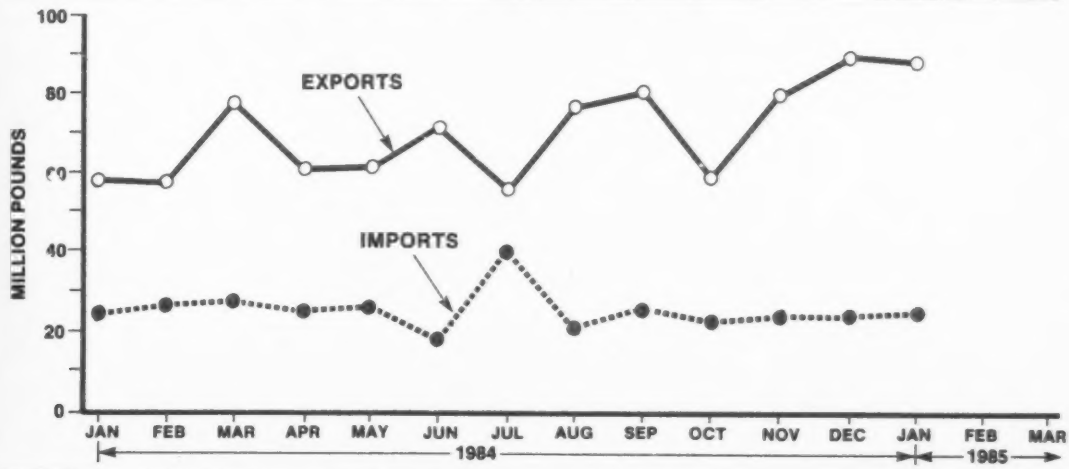
Products to note in January--

- Acrylic staple+tow. Exports rose nearly 35%.
- Nylon yarn. Imports rose over 17%.
- Nylon waste. Imports rose over 16%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as the changes are implemented the manufactures trade data will again appear in the ORGANON.

GRAPH 4: IMPORTS VERSUS EXPORTS OF MAN-MADE FIBER
MILLION POUNDS



GRAPH 5: MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

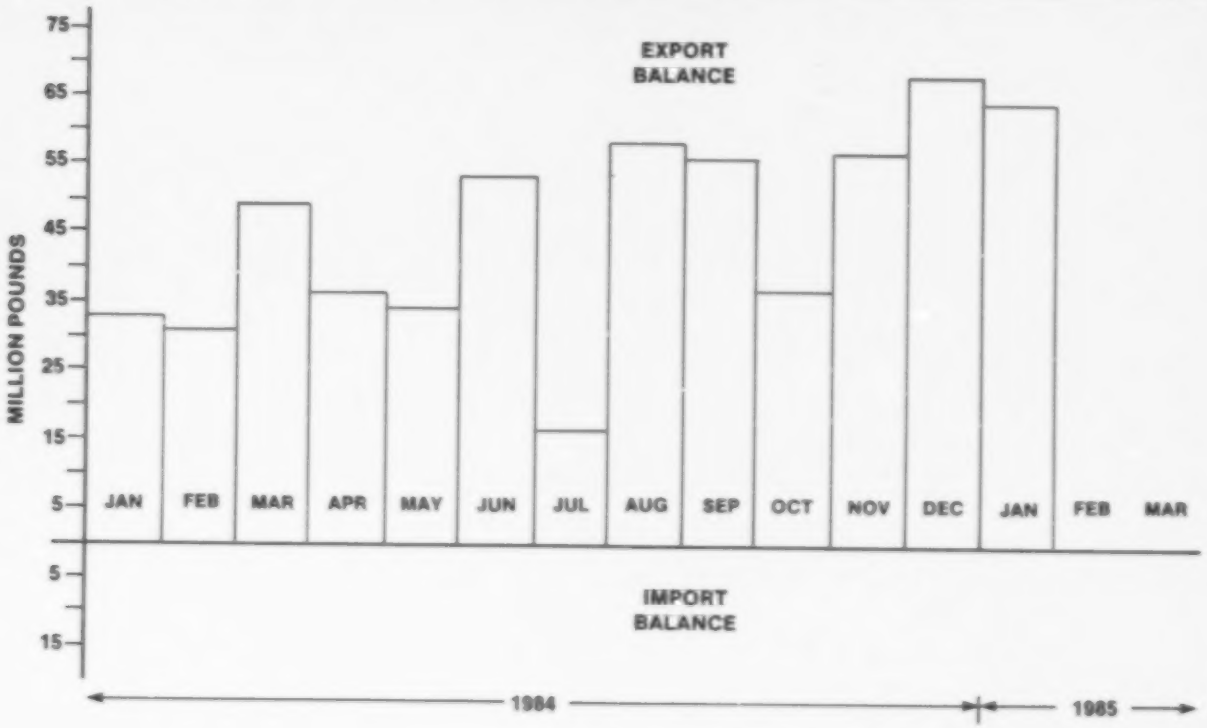


TABLE 17: MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL
MILLION POUNDS

COMMODITY	1984												1985	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB
CELLULOSIC YARN+MONOFILAMENTS	0.3 E	1.7 E	0.4 I	0.4 E	0.6 I	0.3 E	0.6 I	1.1 I	0.1 I	0.1 E	0.1 I	1.2 I	0.3 I	
CELLULOSIC STAPLE+TOW	1.3 E	2.4 E	7.7 E	5.8 E	2.9 E	6.2 E	2.2 E	2.9 E	1.7 E	1.9 E	1.1 E	3.1 E	1.6 E	
NONCELLULOSIC YARN+MONOFILAMENTS	10.2 E	11.3 E	13.5 E	10.1 E	8.3 E	12.4 E	8.2 E	14.8 E	19.1 E	10.6 E	14.7 E	19.6 E	14.5 E	
NONCELLULOSIC STAPLE+TOW	20.1 E	16.4 E	23.4 E	16.7 E	16.8 E	24.3 E	10.7 E	37.4 E	31.0 E	22.1 E	38.7 E	40.4 E	45.0 E	
CELLULOSIC WASTE	0.1 E	0	0.6 E	+	0.1 E	+	0.1 I	0.1 E	0.2 E	0.1 I	0.2 E	0.1 E	+	
NONCELLULOSIC WASTE	1.8 E	0.7 I	5.0 E	3.4 E	7.2 E	9.8 E	4.1 I	3.5 E	4.0 E	2.0 E	2.1 E	5.0 E	3.2 E	
TOTAL	33.8 E	31.1 E	49.8 E	36.4 E	34.7 E	53.0 E	16.3 E	57.6 E	55.9 E	36.6 E	56.7 E	67.8 E	64.0 E	

I means net-import balance.
E means net-export balance.

TABLE 18: U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/79	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE 1985	1984
CELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED	310.0108 & .0208	0						0	0
OTHER	310.0130 & .0230*	1105						1105	1136
MONOFILAMENTS	309.0310 & .0610	0						0	0
STRIPS, $1/LB & UNDER	309.2000*	5						5	0
SUBTOTAL ABOVE		1110						1110	1136
STAPLE	309.4320 & .4325	1319						1319	1517
GROUPED FILAMENTS	309.3010 & .3110	62						62	197
SUBTOTAL ABOVE		1381						1381	1714
WASTE, ADVANCED & NOT ADVANCED	309.6500 & .7510*	96						96	40
NONCELLULOSIC FIBERS									
YARN - SINGLES									
TEXTURED - NYLON	310.0109 & .0209	2115						2115	1064
- POLYESTER	310.0110 & .0210	654						654	821
- OTHER	310.0114 & .0214	1157						1157	651
OTHER - NYLON	310.0149 & .0249	2037						2037	2022
- POLYESTER	310.0150 & .0250	1336						1336	1328
- OTHER	310.0170 & .0270*	179						179	202
MONOFILAMENTS	309.0200 & .0330*	240						240	383
STRIPS, OVER $1/LB	309.2100 & .2500*	52						52	80
SUBTOTAL ABOVE		7770						7770	6881
STAPLE - NYLON	309.4338	2329						2329	2921
- POLYESTER	309.4342	1623						1623	3115
- ACRYLIC	309.4345	1392						1392	1081
- OLEFIN	309.4346	38						38	325
- OTHER	309.4355	1838						1838	1109
GROUPED FILAMENTS									
NYLON	309.3030 & .3130	1742						1742	2271
POLYESTER	309.3040 & .3140	372						372	227
ACRYLIC	309.3050 & .3150	440						440	646
OTHER	309.3085 & .3185	70						70	115
SUBTOTAL ABOVE		9844						9844	11910
WASTE, NOT ADVANCED									
- NYLON	309.6625	3094						3094	2390
- POLYESTER	309.6630	445						445	634
- ACRYLIC	309.6645	+						+	37
- OTHER	309.6660	12						12	139
NOILS & GARNETTED FIBERS	309.6000 & .7000*	0						0	57
OTHER WASTE, ADVANCED	309.7525 - .7585	44						44	161
SUBTOTAL ABOVE		3595						3595	3418
TOTAL MAN-MADE ABOVE		23796						23796	24060
OTHER MAN-MADE FIBER TOPS, YARN & THREAD									
YARN - PLIED									
TEXTURED - CELLULOSIC	310.1106	0						0	0
- NONCELLULOSIC	310.1015* & .1109*	1106						1106	1108
OTHER - CELLULOSIC	310.1030 & .1135*	48						48	2
- NONCELLULOSIC	310.1050 & .1070*	346						346	146
SPUN YARN - CELLULOSIC	310.4005 & .4030*	83						83	104
- OTHER	310.4015 & .4027*	2643						2643	2641
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	682						682	1107
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	451						451	410
SLIVER, TOPS & ROVING	309.9000	205						205	589
TEXTILE GLASS FIBER	309.2800 & .2900*	2454						2454	2128
GRAND TOTAL ABOVE		31814						31814	32904

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1110 & .1114.
f. Also includes 310.2010 & .2110.
g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.
h. Also includes 310.5005 & .5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5045, .5047, .5049 & .5051.
j. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 19: U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR-TO-DATE 1985	1984
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0												0	5
OTHER[b]	310.0026	811												811	1384
MONOFILAMENTS	309.0110	0												0	2
STRIPS	309.2210	0												0	56
SUBTOTAL ABOVE		811												811	1437
STAPLE+TOW-RAYON	309.4222	2925												2925	2952
STAPLE-ACETATE	309.4219	12												12	160
SUBTOTAL ABOVE		2937												2937	3032
WASTE, ADVANCED & NOT ADVANCED	309.7400	70												70	108
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	2478												2478	4222
- HIGH TENACITY[c]	310.0027	4921												4921	1938
- OTHER	310.0029	883												883	1235
POLYESTER-TEXTURED	310.0010	7465												7465	4659
- HIGH TENACITY[c]	310.0027	865												865	1539
- OTHER	310.0034[d]	2458												2458	224
OTHER - TEXTURED	310.0014	264												264	635
- OLEFIN	309.0040	52												52	33
- OTHER	310.0044	557												557	407
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	231												231	197
POLYESTER[e]	309.0140	667												667	291
OTHER	309.0170	1060												1060	899
STRIPS	309.2220 & .2270	427												427	474
SUBTOTAL ABOVE		22339												22339	19713
STAPLE - NYLON	309.4240	1160												1160	1390
- POLYESTER	309.4242	23227												23227	7133
- ACRYLIC	309.4245	21821												21821	13443
- OLEFIN	309.4246	1039												1039	296
- OTHER	309.4247	755												755	700
GROUPED FILAMENTS															
NYLON	309.3120	211												211	617
POLYESTER[e]	309.3240	3251												3251	5360
ACRYLIC	309.3250 & .3255	3372												3372	2944
SUBTOTAL ABOVE		54038												54038	31983
WASTE, ADVANCED & NOT ADVANCED															
- NYLON	309.7620	303												303	799
- POLYESTER	309.7630	4721												4721	3247
- ACRYLIC	309.7640	419												419	225
- OTHER	309.7680	1405												1405	901
SUBTOTAL ABOVE		6848												6848	5173
TOTAL MAN-MADE FIBER ABOVE		87952												87952	58360
TEXTILE GLASS FIBER	309.2700 & .9700	7000												7000	3802
GRAND TOTAL ABOVE		94952												94952	62162

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 20: SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1985 JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YEAR TO DATE 1985	1984
CELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	120												120	42
MEXICO	33												33	163
FRANCE	27												27	0
GERMANY, FED. REP. OF	686												686	714
NETHERLANDS	77												77	28
JAPAN	96												96	74
REP. OF KOREA	0												0	60
ALL OTHER COUNTRIES*	71												71	55
TOTAL CELL. YARN	**1110**												**1110**	**1136**
CELLULOSIC STAPLE+TOW														
CANADA	788												788	803
AUSTRIA	62												62	390
SWEDEN	314												314	164
UNITED KINGDOM	162												162	225
JAPAN	20												20	116
ALL OTHER COUNTRIES*	35												35	16
TOT. CELL. STAP. & TOW	**1381**												**1381**	**1714**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	962												962	1284
COSTA RICA	0												0	0
MEXICO	624												624	1317
AUSTRIA	83												83	37
BELGIUM	205												205	47
FRANCE	682												682	224
GERMANY, FED. REP. OF	1676												1676	846
ITALY	1528												1528	199
NETHERLANDS	93												93	54
SPAIN	1												1	95
SWITZERLAND	35												35	17
UNITED KINGDOM	591												591	531
ISRAEL	78												78	111
JAPAN	584												584	1131
REP. OF KOREA	3												3	42
TAIWAN	9												9	122
ROMANIA	88												88	81
SOUTH AFRICA	286												286	347
ALL OTHER COUNTRIES*	242												242	66
TOTAL N.C. YARN	**7770**												**7770**	**6551**
NONCELLULOSIC STAPLE+TOW														
BRAZIL	279												278	251
CANADA	1640												1640	1028
COSTA RICA	86												86	155
MEXICO	1111												1111	2812
BELGIUM	127												127	32
FRANCE	920												920	483
GERMANY, FED. REP. OF	1656												1656	1965
ITALY	527												527	1182
NETHERLANDS	74												74	88
SWITZERLAND	18												18	22
UNITED KINGDOM	740												740	1306
ISRAEL	0												0	45
JAPAN	1154												1154	1334
REP. OF KOREA	37												37	0
TAIWAN	1301												1301	826
ROMANIA	83												83	138
SOUTH AFRICA	49												49	0
ALL OTHER COUNTRIES*	43												43	143
TOTAL N.C. STAPLE	**9844**												**9844**	**11810**

* Means a nominal poundage.

Other countries supplying 1985 poundages are:

a. Brazil 70, People's Republic of China 1.

b. Federal Republic of Germany 34, Netherlands 1.

c. Australia 1, Norway 71, Sweden 2, Turkey 1, and Yugoslavia 167.

d. Australia 42, Spain 1.

TABLE 21: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1984 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1984	1983
MAN-MADE FIBER DATA[c]						**TOTAL SHIPMENTS[b] - Revised**								
YARN+MONOFILAMENTS[d]														
ACETATE	**17.8**	**16.9**	**19.8**	**17.8**	**20.3**	**18.0**	**15.9**	**17.6**	**14.3**	**14.1**	**13.6**	**12.2**	**198.3**	**225.8**
NYLON[e] - INDUSTRIAL[f]	28.1	29.9	32.8	33.4	32.4	32.7	27.7	30.9	30.7	32.4	33.1	31.0	375.1	318.1
- LOW DENIER INDUSTRIAL[g]	3.1	3.0	3.0	2.9	2.7	2.8	2.7	2.8	3.1	2.8	2.9	2.2	34.0	35.5
- CARPET	70.0	62.9	65.5	72.0	70.4	61.3	60.2	67.1	69.7	69.7	63.5	62.6	794.9	762.6
- TEXTILE	34.3	31.3	31.1	32.7	30.6	26.9	25.3	28.6	29.2	28.7	30.2	24.1	353.0	381.4
POLYESTER - INDUSTRIAL[f]	24.5	25.2	28.3	26.4	27.6	26.7	26.0	27.4	25.2	28.4	25.0	22.4	313.1	307.8
- LOW DENIER INDUSTRIAL[g]	1.9	2.1	2.1	2.2	2.0	2.2	2.0	1.9	1.7	1.9	1.5	3.3	24.8	26.0
- TEXTILE	84.9	69.9	67.1	75.3	70.7	65.4	61.4	69.2	72.0	78.6	76.3	69.4	860.2	1027.1
OLEFIN[h]	52.6	56.9	64.1	58.3	61.9	63.8	57.9	59.3	56.6	64.0	72.9	73.8	742.1	714.2
TOTAL NONCELLULOSIC ABOVE[i]	**299.4**	**281.2**	**294.0**	**303.2**	**298.3**	**281.8**	**263.2**	**287.2**	**288.2**	**306.5**	**305.4**	**288.8**	**3497.2**	**3572.7**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**32.4**	**31.6**	**38.0**	**35.9**	**32.5**	**34.4**	**29.8**	**33.4**	**28.7**	**30.7**	**30.9**	**25.7**	**384.0**	**377.4**
NYLON[e]	80.0	65.9	70.8	82.3	74.1	57.3	59.4	73.4	66.3	74.4	65.7	61.7	831.3	911.2
ACRYLIC+MODACRYLIC	53.0	52.2	63.9	58.2	56.7	60.6	52.9	59.9	55.6	53.3	49.4	50.5	666.2	654.7
POLYESTER	172.5	177.5	197.0	200.8	190.2	171.3	157.5	189.5	179.1	182.7	191.6	182.7	2192.4	2197.8
OLEFIN+VINYON	18.6	18.5	20.4	20.2	19.9	21.5	19.4	21.9	21.9	22.2	21.5	20.7	246.7	189.7
TOTAL NONCELLULOSIC ABOVE	**324.1**	**314.1**	**352.1**	**361.5**	**340.9**	**310.7**	**289.2**	**344.7**	**322.9**	**332.6**	**328.2**	**315.6**	**3936.6**	**3953.4**
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
ACETATE	**14.3**	**14.6**	**13.2**	**13.6**	**11.8**	**13.1**	**16.2**	**15.5**	**15.3**	**14.7**	**13.1**	**12.4**	**12.4**	**12.5**
NYLON[e] - INDUSTRIAL[f]	23.2	23.7	23.1	22.1	21.3	22.4	25.1	29.0	25.6	28.0	27.5	27.4	27.4	23.8
- LOW DENIER INDUSTRIAL[g]	4.0	4.4	5.7	5.7	5.9	5.1	5.3	5.3	4.8	4.9	4.6	5.9	5.9	4.0
- CARPET	54.0	58.8	60.4	55.9	60.4	63.9	66.4	61.0	62.7	62.7	72.5	63.0	63.0	54.0
- TEXTILE	36.3	36.9	37.5	36.4	37.2	42.4	43.8	44.9	46.0	45.3	44.8	44.4	44.4	39.0
POLYESTER - INDUSTRIAL[f]	22.0	22.3	20.2	19.4	18.5	18.1	20.1	20.2	20.8	20.5	18.8	22.1	22.1	18.7
- LOW DENIER INDUSTRIAL[g]	3.4	3.5	3.8	3.5	3.8	4.6	4.6	5.0	5.1	4.4	4.7	2.8	2.8	3.2
- TEXTILE	77.2	82.8	86.4	84.1	85.1	86.7	88.6	83.4	76.5	75.9	78.4	74.6	74.6	75.7
OLEFIN[h]	58.1	59.3	60.9	61.5	60.1	61.4	60.2	58.9	59.3	59.4	60.0	60.8	60.8	56.5
TOTAL NONCELLULOSIC ABOVE[i]	**278.2**	**291.7**	**298.0**	**288.6**	**292.3**	**304.6**	**314.1**	**307.7**	**300.8**	**301.1**	**311.3**	**301.0**	**301.0**	**274.9**
STAPLE+TOW+FIBERFILL														
RAYON	**25.1**	**27.4**	**25.3**	**23.2**	**27.5**	**26.2**	**28.1**	**26.7**	**28.3**	**30.2**	**30.4**	**26.5**	**28.5**	**23.3**
NYLON[e]	70.2	76.0	79.3	71.7	72.8	82.2	87.0	77.4	76.1	71.3	77.2	78.6	78.6	75.1
ACRYLIC+MODACRYLIC	77.3	79.6	75.4	75.6	78.1	74.8	75.3	72.3	71.1	72.8	75.9	77.9	77.9	72.8
POLYESTER	180.2	188.6	188.7	177.4	178.0	199.9	223.7	209.9	205.2	204.5	197.7	173.5	173.5	174.1
OLEFIN+VINYON	20.4	21.2	19.8	20.1	20.7	20.0	21.7	21.5	21.2	20.3	20.4	23.3	23.2	20.0
TOTAL NONCELLULOSIC ABOVE	**348.1**	**365.4**	**363.2**	**344.8**	**349.6**	**376.9**	**407.7**	**381.1**	**373.6**	**368.9**	**371.2**	**353.2**	**353.2**	**342.0**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.3	15.2	15.0	14.5	14.7	13.7	10.2	13.0	11.8	10.8	11.6	9.5	153.3	151.8
CARPET CLASS WOOL	0.9	0.8	0.9	1.1	1.0	0.9	0.7	0.7	0.6	1.1	0.7	0.5	9.9	10.7
TOTAL RAW WOOL	14.2	16.0	15.9	15.6	15.7	14.6	10.9	13.7	12.4	11.9	12.3	10.0	163.2	162.5
RAW COTTON	246.1	242.7	249.9	226.8	233.0	229.6	186.7	229.6	218.2	219.2	211.2	175.2	2668.2	2795.7

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 43 of this issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 43 of this issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 43 of this issue.

TABLE 22: FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA 1981	1982	1983	1984	QUARTERLY DATA 1983 1ST Q	1983 2ND Q	1983 3RD Q	1983 4TH Q	1984 1ST Q	1984 2ND Q	1984 3RD Q	1984 4TH Q
(A) ACETATE		(N) NYLON *				(P) POLYESTER				(O) OLEFIN			
HOSIERY[b]	N	107.0	92.3	104.3	101.5	25.4	26.3	26.0	26.6	27.8	25.6	24.1	24.0
OTHER CIRCULAR KNIT[c]	N	48.2	25.7	24.5	17.6	5.3	6.0	6.0	7.2	4.2	5.1	4.5	3.8
	P	345.6	228.4	293.7	174.7	77.2	79.3	67.5	69.7	55.7	42.0	33.8	43.2
	A	3.6	1.6	2.1	2.3	0.7	0.5	0.6	0.3	0.4	1.0	0.6	0.3
FLAT KNIT	A	96.7	71.7	79.1	67.2	18.0	23.6	20.1	17.4	18.1	19.8	15.1	14.2
	N	163.2	130.8	162.2	135.2	39.0	42.4	39.8	41.0	40.4	33.0	29.4	32.4
	P	98.4	87.0	116.6	137.3	22.4	26.2	31.3	36.7	32.7	36.0	34.0	34.6
CARPET FACE	N	633.6	559.5	734.6	770.2	143.9	196.4	196.4	197.9	191.1	197.7	191.3	190.1
	O	89.5	90.0	131.2	139.1	29.8	34.0	33.1	34.3	29.9	32.4	35.4	41.4
CARPET BACKING[d]	O	195.3	184.7	198.8	227.8	46.1	54.1	53.7	44.9	48.1	53.0	51.6	75.1
OTHER BROAD WOVEN[e]	A	110.7	88.8	113.6	108.8	24.2	29.2	29.7	30.5	29.8	30.5	27.2	21.3
	N	89.2	82.2	83.6	90.7	21.3	22.3	19.3	20.7	20.5	24.7	23.9	21.6
	P	440.2	367.0	489.9	392.2	107.0	138.6	118.1	126.2	104.8	93.9	92.5	101.0
	O	200.7	172.5	217.1	205.3	48.9	57.2	58.1	52.9	51.2	54.3	47.5	52.3
NARROW WOVEN[f]	A	8.6	2.9	1.7	0.7	0.9	0.2	0.4	0.2	0.1	0.3	0.3	+
	N	34.0	30.2	35.3	39.9	7.0	9.2	9.5	9.6	10.8	10.1	9.2	9.8
	P	28.1	28.1	35.5	38.7	7.7	8.5	8.7	10.6	8.6	8.8	10.2	11.1
	O	12.6	12.1	15.0	14.9	3.7	3.5	3.8	4.0	3.7	3.8	3.8	3.6
TIRES, INCL. CHAFER	N	204.7	147.9	145.5	172.9	29.2	33.7	34.8	47.8	42.4	45.5	38.6	46.4
	P	174.8	168.9	174.1	174.4	42.9	45.3	42.5	43.4	44.6	44.5	44.8	40.5
OTHER RUBBER INDUSTRY[g]	N	25.7	17.3	16.3	20.9	4.1	4.3	4.0	3.9	5.1	5.6	5.5	4.7
	P	35.1	26.7	27.8	32.7	6.4	7.7	5.9	7.8	8.1	9.9	7.8	6.9
ROPE, CORDAGE & FISHLINE	N	30.6	29.1	31.7	35.0	7.5	7.6	8.0	8.6	8.7	9.9	8.4	8.0
	P	15.8	14.4	12.2	15.7	3.3	3.4	2.8	2.7	4.5	3.9	3.5	3.8
	O	92.1	84.8	95.5	106.9	23.3	25.7	23.1	23.4	28.4	27.9	23.1	27.5
ALL OTHER[h]	A	4.7	4.0	1.1	1.1	0.3	0.4	0.2	0.2	0.3	0.3	0.2	0.3
	N	68.1	50.6	54.4	54.2	12.3	10.9	14.6	16.6	14.1	13.5	14.0	12.6
	P	292.0	214.3	144.6	179.2	39.4	33.6	30.4	41.2	32.9	47.1	50.3	48.9
	O	38.1	32.9	41.0	31.6	8.8	9.7	10.3	12.2	8.0	8.8	8.2	6.6
TOTAL ABOVE	**A**	**226.3**	**189.0**	**197.6**	**180.1**	**44.1**	**53.9**	**51.0**	**48.6**	**48.7**	**51.9**	**43.4**	**36.1**
	N	**1404.3**	**1165.6**	**1382.4**	**1438.1**	**295.0**	**359.1**	**358.4**	**379.9**	**365.1**	**370.7**	**348.9**	**353.4**
	P	**1430.0**	**1134.8**	**1294.4**	**1144.9**	**306.3**	**342.6**	**307.2**	**338.3**	**281.9**	**286.1**	**278.9**	**290.0**
	O	**628.3**	**577.0**	**696.6**	**725.6**	**160.6**	**184.2**	**182.1**	**171.7**	**169.3**	**180.2**	**169.6**	**206.5**
TOTAL DOMESTIC		**3688.9**	**3046.4**	**3582.8**	**3488.7**	**806.0**	**939.8**	**898.7**	**938.3**	**875.0**	**888.9**	**838.8**	**886.0**
ALSO DIVIDED AS													
APPAREL		1530.0	1,28.2	1257.5	1072.1	305.4	335.6	301.7	314.8	278.1	308.8	244.0	241.2
HOME FURNISHINGS		1129.4	1016.6	1328.7	1354.2	272.0	351.3	350.3	355.1	335.3	305.5	339.9	373.5
INDUSTRIAL		1029.5	901.6	996.8	1062.4	228.6	252.9	246.7	268.6	261.6	274.6	254.9	271.3
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[i]													
NYLON		159.6	122.3	127.1	118.7	30.9	32.8	31.5	31.9	31.3	30.4	28.1	28.9
POLYESTER		991.3	737.9	832.4	675.5	201.0	221.8	192.2	217.4	173.6	162.1	161.7	178.1
OLEFIN		33.5	26.8	28.0	23.3	6.2	8.2	7.4	6.2	5.9	5.8	6.9	4.7

*. Includes Aramid in 1981 through 1982.

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports.

i. These poundages are included in the Total Domestic area above.

TABLE 23: STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA				QUARTERLY DATA							
						1983				1984			
		1981	1982	1983	1984	1st Q	2nd Q	3rd Q	4th Q	1st Q	2nd Q	3rd Q	4th Q
(R) RAYON	(N) NYLON *		(A) ACRYLIC+MODACRYLIC			(P) POLYESTER				(O) OLEFIN			
HOSIERY, SWEATERS & CRAFT YARNS[a]	A	255.6	230.5	237.3	204.8	58.1	64.3	60.4	54.5	54.4	57.1	48.5	44.8
	NPR	8.9	8.8	9.5	8.6	2.9	2.7	2.2	1.7	1.4	1.6	1.8	1.8
PILE FABRICS[a]	A	44.7	36.4	33.0	30.0	9.0	10.3	7.8	5.9	8.3	8.9	7.0	5.8
	P	14.9	15.6	18.2	18.4	4.8	4.9	5.0	3.5	4.8	5.0	4.6	4.0
OTHER CIRCULAR+FLAT KNIT[c]	R	10.9	5.7	3.5	4.3	1.0	1.2	0.9	0.4	1.2	0.6	1.2	1.3
	A	91.6	112.6	129.5	118.5	31.5	32.2	33.0	32.8	32.0	35.0	31.0	20.5
	P	300.7	288.8	354.4	283.0	91.5	91.1	85.8	86.0	77.6	76.5	67.5	61.4
BLANKETS[a]	A	26.1	23.7	27.1	25.2	7.7	6.7	8.1	4.6	6.9	5.5	6.7	6.1
	P	14.8	12.0	10.5	5.5	3.8	2.8	2.5	1.4	1.4	1.4	1.5	1.2
OTHER BROAD WOVEN	R	224.7	146.6	182.1	177.7	40.8	45.3	47.0	49.0	48.9	42.8	43.2	42.8
	N	52.4	56.4	59.0	42.5	15.4	16.6	14.2	12.8	12.3	11.0	8.9	10.3
	A	33.0	25.7	32.5	29.5	7.7	8.8	8.2	7.8	9.4	7.4	5.6	7.1
	P	1107.0	889.0	1062.9	1039.1	237.0	270.4	272.3	283.2	272.6	270.6	258.3	237.6
	O	17.1	16.1	19.4	22.1	4.9	5.0	4.9	4.6	5.7	5.3	5.3	5.8
CARPET FACE YARNS	R	0.3	0.1	0.2	0.3	*	0.1	*	0.1	0.2	*	0.1	*
	N	617.4	594.4	815.2	751.0	175.3	220.7	215.9	203.3	194.6	196.1	179.2	181.1
	A		Included in All Other										
	P	124.0	114.7	139.0	131.4	34.7	39.8	33.2	31.3	31.2	35.6	32.0	32.6
	O	67.5	76.8	93.6	96.5	21.7	23.7	22.7	25.5	22.4	25.2	23.9	25.0
FIBERFILL[d]	P	226.7	228.4	275.4	276.1	60.8	68.8	75.3	70.5	69.2	65.9	65.4	75.6
FLOCK	NP	13.0	10.2	10.6	9.2	2.3	3.0	3.0	2.3	2.3	2.3	2.2	2.4
	R	5.6	3.1	3.2	2.7	0.9	0.7	0.7	0.9	0.7	0.7	0.7	0.6
NONWOVENS[e,f]	R	124.6	111.9	119.0	126.3	30.5	29.0	29.3	30.2	33.8	32.4	32.0	28.1
	N	3.5	3.8	4.9	2.8	1.1	1.1	1.4	1.3	0.9	0.6	0.7	0.6
	P	149.3	155.2	177.4	177.2	38.8	48.4	47.8	42.4	44.6	46.7	42.9	43.0
	VINYON+O	42.7	39.0	61.5	119.2	10.2	13.0	16.5	21.8	25.2	29.6	32.5	31.9
ALL OTHER	R	29.1	24.3	23.8	18.8	6.3	6.1	6.4	5.0	5.5	5.6	3.8	3.9
	N	10.3	7.7	5.2	9.4	1.2	1.6	1.3	1.1	1.1	0.9	3.6	3.8
	A	41.1	29.0	32.8	38.7	6.1	7.0	10.4	9.3	9.6	10.3	8.9	9.9
	P	60.6	57.8	55.8	56.2	14.6	12.6	14.7	13.9	11.7	24.5	7.8	12.2
	VINYON+O	4.7	7.0	8.9	3.1	2.9	2.4	1.0	2.6	0.4	0.9	1.0	0.8
TOTAL ABOVE	**R**	**396.9**	**293.7**	**333.5**	**331.9**	**80.1**	**83.0**	**84.6**	**85.8**	**90.7**	**82.5**	**81.6**	**77.1**
	N	**696.4**	**673.3**	**887.1**	**814.4**	**196.0**	**243.5**	**236.2**	**221.4**	**211.1**	**210.6**	**194.5**	**196.2**
	A	**494.1**	**457.9**	**492.2**	**446.7**	**129.1**	**129.3**	**127.9**	**114.9**	**129.6**	**134.2**	**107.7**	**94.2**
	P	**2905.4**	**1767.5**	**2099.2**	**1982.2**	**487.6**	**540.4**	**538.1**	**533.1**	**514.2**	**527.7**	**491.3**	**469.6**
	VINYON+O	**132.9**	**138.9**	**183.4**	**240.9**	**39.7**	**44.1**	**45.1**	**54.5**	**53.7**	**61.8**	**62.7**	**63.5**
TOTAL DOMESTIC		**3724.8**	**3331.3**	**4005.4**	**3836.1**	**923.5**	**1040.3**	**1031.9**	**1009.7**	**998.3**	**1006.0**	**927.8**	**902.0**
ALSO DIVIDED AS													
APPAREL		1487.5	1321.7	1461.3	1277.1	360.8	386.0	359.9	354.6	341.1	349.9	310.3	275.8
HOME FURNISHINGS		1442.9	1263.4	1630.0	1559.0	363.9	432.9	424.8	408.4	404.7	406.1	375.1	373.1
INDUSTRIAL		794.4	743.2	914.1	992.1	198.8	221.4	247.2	246.7	244.5	250.0	242.4	253.1

* 1981 through 1982 poundages include Aramid.
a. Olefin poundages are included in All Other.
b. Rayon and nylon poundages are included in All Other.
c. Nylon poundages are included in All Other.
d. Rayon and acrylic poundages are included in All Other.
e. Wet & dry laid and needled batts only.
f. Acrylic poundages are included in All Other.

TABLE 24: SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1985 JAN	FEB	MAR	APR	MAY	JUN	YEAR TO DATE[a] 1985	1984
			TOTAL SHIPMENTS[b]					
MAN-MADE FIBER DATA[c]								
YARN+MONOFILAMENTS[d]								
ACETATE	**14.3**	**14.1**					**28.4**	**34.7**
NYLON[e] - INDUSTRIAL[f]	32.1	31.0					63.1	58.0
- LOW DENIER INDUSTRIAL[g]	2.3	2.2					4.5	6.1
- CARPET	57.1	51.9					109.0	132.9
- TEXTILE	30.5	27.0					57.5	65.6
POLYESTER - INDUSTRIAL[f]	26.4	24.5					50.9	49.7
- LOW DENIER INDUSTRIAL[g]	1.6	1.6					3.2	4.0
- TEXTILE	69.5	75.6					145.1	154.8
OLEFIN[h]	78.0	79.9					157.9	109.5
TOTAL NONCELLULOSIC ABOVE[i]	**297.5**	**293.7**					**591.2**	**580.6**
STAPLE+TOW+FIBERFILL[j]								
RAYON	**29.0**	**25.0**					**54.0**	**64.0**
NYLON[e]	70.5	60.6					131.1	145.9
ACRYLIC+MODACRYLIC	51.5	55.0					106.5	105.2
POLYESTER	162.4	169.5					331.9	350.0
OLEFIN+VINYON	21.4	23.1					44.5	37.1
TOTAL NONCELLULOSIC ABOVE	**305.8**	**308.2**					**614.0**	**638.2**
			END-OF-MONTH STOCK					
YARN+MONOFILAMENTS								
ACETATE	**13.1**	**13.3**					**13.3**	**14.6**
NYLON[e] - INDUSTRIAL[f]	28.8	30.6					30.6	23.7
- LOW DENIER INDUSTRIAL[g]	6.2	6.2					6.2	4.4
- CARPET	68.0	69.5					69.5	58.8
- TEXTILE	43.1	45.0					45.0	36.9
POLYESTER - INDUSTRIAL[f]	24.3	23.2					23.2	22.3
- LOW DENIER INDUSTRIAL[g]	2.8	2.7					2.7	3.5
- TEXTILE	79.7	81.6					81.6	82.8
OLEFIN[h]	62.0	64.3					64.3	59.3
TOTAL NONCELLULOSIC ABOVE[i]	**314.9**	**323.1**					**323.1**	**291.7**
STAPLE+TOW+FIBERFILL								
RAYON	**30.3**	**31.3**					**31.3**	**27.4**
NYLON[e]	69.7	72.4					72.4	76.0
ACRYLIC+MODACRYLIC	76.6	75.0					75.0	79.6
POLYESTER	191.8	192.6					192.6	188.6
OLEFIN+VINYON	26.1	25.1					25.1	21.2
TOTAL NONCELLULOSIC ABOVE	**364.2**	**365.1**					**365.1**	**365.4**
WOOL & COTTON CONSUMPTION								
APPAREL CLASS WOOL	9.6						9.6	13.3
CARPET CLASS WOOL	0.9						0.9	0.9
TOTAL RAW WOOL	10.5						10.5	14.2
RAW COTTON	176.2						176.2	246.1

a. Year-to-date totals except for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 43 of this issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 43 of this issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 43 of this issue.